

LIST OF PROPOSED BRIDGE PROJECTS
OLD BRIDGES IN BAD CONDITION OR OTHERWISE INADEQUATE
FEBRUARY 1, 1939

No.	Name and Location	County	Route	Lin.Ft.	Cost
1	Little Red River E of Searcy	White	67 W	850	125,000.00
2	Eleven Points W of Pocahontas	Randolph	62	1200	125,000.00
3	Two Bayou, W of Camden	Ouachita	79	150	17,500.00
4	Saline River, E of Warren	Bradley	4	1050	120,000.00
5	Saline River Relief Openings	Bradley	4	600	50,000.00
6	Little Red River, N of Heber Spgs. (Canoe Creek)	Cleburne	25	544	94,100.00
7	Little Red River, at Shirley	Van Buren	9	400	60,000.00
8	Sm.Br. N of Nashville	Howard	27	100	8,000.00
9	Crooked Creek S of Yellville	Marion	14	450	59,500.00
10	St.Francis Bay W of Parkin	Cross	64	1695	225,000.00
11	Ouachita River, Arkadelphia	Clark	8	1497	281,500.00
12	Cypress Creek S of Beebe	Lonoke & White	67	360	22,000.00
13	Spring River & Frisco Ry, Hardy	Sharp	11	675	170,000.00
14	White River W of Eureka Spgs.	Carroll	62	700	140,000.00
15	St.Francis River, Parkin	Cross	64	820	178,000.00
16	Fourche River & Others S of Ola	Perry	7	600	90,000.00
17	Alum Fork & Others N of Crows Sta.	Saline	9	700	55,000.00
18	Ouachita River, E of Camden	Ouachita	79	410	90,000.00
19	Fort Smith-Hartford	Sebastian	45	210	20,000.00
20	Hartford-Mansfield	Sebastian	23	200	12,000.00
21	Buffalo River, N of Marshall	Marion	14	570	100,000.00
22	Arkadelphia-Murfreesboro	Clark-Pike	26	1000	75,000.00
23	Clinton-Shirley	Van Buren	16	400	30,000.00
24	West of Perry-Small narrow truss	Perry	10	60	8,000.00
25	Little Red River, Edgemont(1-way suspension)	Cleburne	16	350	122,000.00
26	Conway-Damascus	Faulkner	63	350	130,000.00
27	Black River, Black Rock	Lawrence	63	2800	356,420.00
28	Br. N. Wynne	Cross Jct.	64-1	100	6,000.00
29	L'Anguille River, E of Marianna	Lee	79	650	95,000.00
30	Gulpha Creek E of Hot Springs	Garland	270	250	20,000.00
31	Fifteen Mile Bayou- S of Lehi	Crittenden	79	160	15,000.00
32	Sm.Br. N of Morning Sun	White	67 W	75	6,000.00
33	Bayou Bartholomew, N of Star City	Lincoln	13	400	32,000.00
34	Wattensaw Bayou, N of Lonoke	Lonoke	31	200	15,000.00
35	Sheridan-Malvern	Grant & Hot Springs	270	1320	200,000.00
36	Ola-Danville	Yell	10	120	10,000.00
37	Little Red River near Horatio rebuild and repair	Sevier & Little River	41	4000	25,000.00
38	Dierks to New Junc. 71	Sevier-Howard	70	900	100,000.00
39	Rolling Fork W DeQueen	Sevier	70	300	30,000.00
40	Booneville to Junc.71	Logan-Scott	23	300	25,000.00
Total..				28316	\$5,252,620.00

TWO BAYOU BRIDGE - September, 1938
Route 79, 2 miles southwest of Camden.
Roadway width 10 feet. Not safe for any load.
This bridge is narrow and in very bad condition.



Old Covered Bridge - Route 79 - S.W. of Camden



Old Covered Bridge - Route 79.

LITTLE RED RIVER BRIDGE - January 11, 1939
Route 9 at Shirley
Roadway width 15 feet Safe load $2\frac{1}{2}$ tons.
Not safe for heavy loads of logs such as now cross
it. In immediate need of strengthening or rebuilding.



BUFFALO RIVER FERRY - January 11, 1939
Route 14, south of Yellville
Ferry not safe for heavy loads, or during high
water.



Buffalo River Ferry - Route 14 - South of Yellville - 1-11-1939

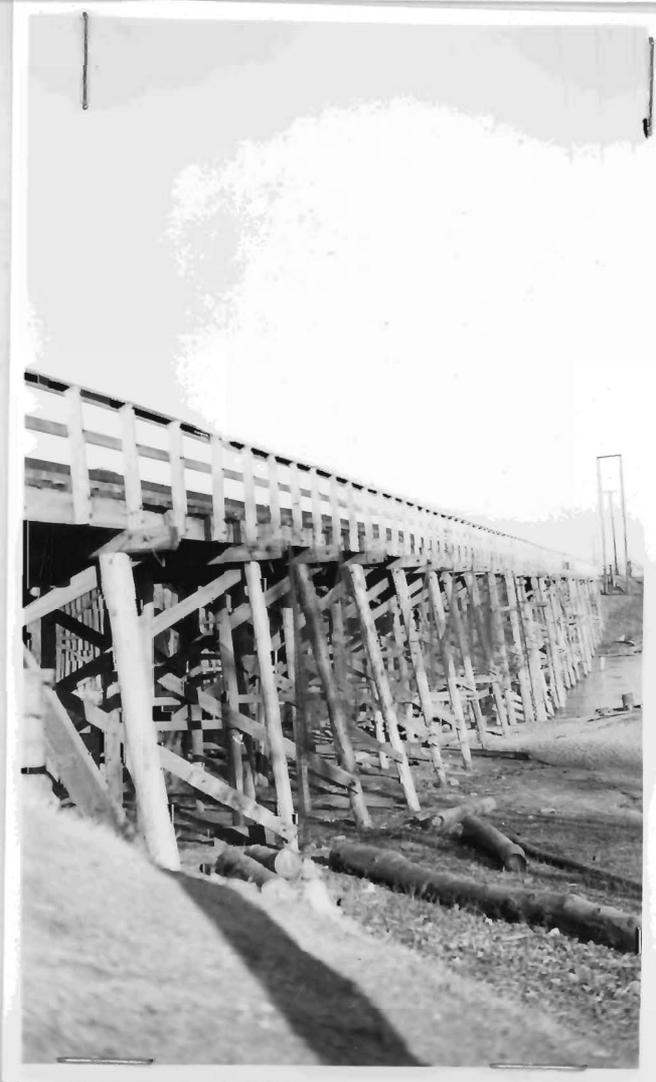


Buffalo River Ferry - Route 14 - South of Yellville - 1-11-1939

CYPRESS CREEK BRIDGE - January 18, 1939
Route 67, south of Beebe
Roadway width 15 feet.
Bridge too narrow for heavy traffic such as
this road carries.



ST. FRANCIS BAY BRIDGE - January 18, 1939
Route 64, between Wynne and Parkin
Width of roadway 20 feet. Safe load not readily
determined. Whole of structure badly decayed.
High water in St. Francis basin overflows this bridge.



LITTLE RED RIVER BRIDGE - January 18, 1939
Route 67 between Searcy and Judsonia
Width of Roadway 15 feet. Safe load 4 tons
Curves at both ends of bridge.
Curves, narrow roadway and light capacity make
this bridge unsafe.



Red
Little River Bridge - Between Searcy & Judsonia 7/14/37

ST. FRANCIS RIVER BRIDGE - January 18, 1939
Route 64, at Parkin.

Roadway width 15 feet. Safe load ^{5 tons}. Two sharp
curves at each end of bridge. Man killed here
few days ago.

Sharp curves, narrow roadway and light capacity
make this bridge unsafe.



FRENCHMANS BAYOU BRIDGE - January 19, 1939
Route 61, 2 miles north of Mississippi County line
Roadway width 19 feet. Safe load 15 tons.
Vertical clearance insufficient (11'-6")
Top bracing should be modified to furnish more clearance.



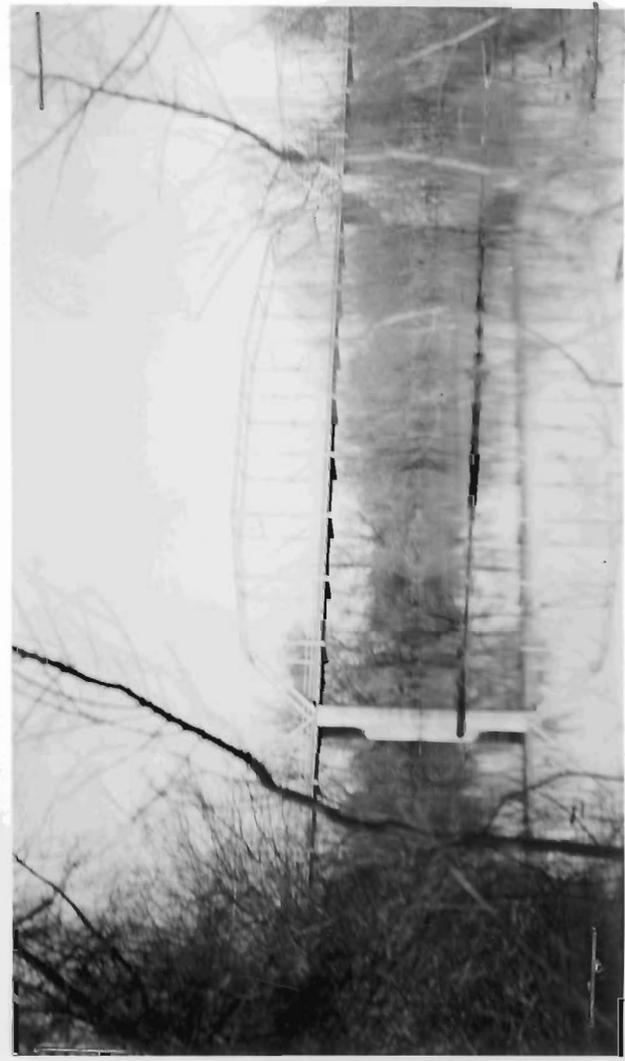
PEMBERTON BAYOU BRIDGE - January 20, 1939
Route 65, north of Woodson
Width of roadway 15 feet. Safe load 15 tons.
Curves at both ends of bridge. Dangerous because
of narrow roadway and sharp curves.



DRAINAGE DITCH BRIDGE - January 19, 1939
Route 61, 2 miles north of Wilson
Roadway width 19 feet. Safe load 15 tons
Vertical clearance insufficient (11'-6")
Top bracing should be modified to furnish more
clearance. Note bent portal.



L'ANGUILLE RIVER BRIDGE - January 20, 1939
Route 79, East edge of Marianna
Roadway width 15 feet. Safe load $3\frac{1}{2}$ tons.
Bridge unsafe because of narrow roadway and
light capacity.



FIFTEEN MILE BAYOU BRIDGE - January 20, 1939
Route 79, about one mile south of LeHi
Concrete paved road. Bridge 3 feet narrower than
pavement. Bridge dangerous because of narrow road-
way.



KING POST TRUSS BRIDGE - JANUARY 25, 1939
Route 9, 3 miles from Clinton toward Shirley.
The bottom chord of this frame consists of 3,
3 x 12's. Joint in the outside piece can be
seen near the hanger as shown in the photo. The
inside piece is spliced about the same distance
on the other side of hanger. A hole is bored in
the middle piece for the hanger to pass through.
There is very little section left to take stress.
One small bolt passes through the three pieces
near the hanger.



-30'-

LITTLE RED RIVER BRIDGE

January 25, 1939

Route 25, north of Heber Springs

Width of roadway 10 feet. Span length 432 feet

Safe load two tons. Wood floor beams 6 X 8 oak- 13 feet between hangers. Saw truck load of poles and two truck loads of lumber cross, - total load on each not less than six tons. This bridge is very unsafe for the loads that cross it.



SOUTH FORK LITTLE RED RIVER BRIDGE- January 25, 1939

Route 16, near Edgemont.

Width of roadway 10 feet. Span length 500 feet

Safe load 2 tons. Wood floor beams 6 X 8 oak- 13 feet between hangers. Numerous wires in cables are broken.

This bridge is very unsafe for the loads that cross it.



GULPHA CREEK BRIDGE - JANUARY 27, 1939
Route 270, 2 miles southeast of Hot Springs.
Roadway width 10 feet. Safe load $7\frac{1}{2}$ tons
Narrow roadway and sharp curve at bridge end
make this bridge unsafe.



ALUM FORK BRIDGE - JANUARY 27, 1939
Route 9, 4 miles north of Crows Station,
Saline County.
Low water bridge. Several people have been
drowned here in trying to cross while water
was flowing over bridge.



OUACHITA RIVER BRIDGE, CAMDEN, ARKANSAS, FEB. 7, 1939
ROUTE 79

Roadway width 15 feet.

This bridge is too narrow and light for the amount of traffic on this highway. Heavy hauling consists of commercial trucking and hauling of bolts to paper mill at Cullendale.



Ouachita River Bridge - Camden - 2-7-1939



Ouachita River Bridge - Camden - 2-7-1939

Ouachita River Bridge-Camden.



Ouachita River Bridge-Camden. - 2-7-1939

OUACHITA RIVER BRIDGE, ARKADELPHIA, ARK. FEB. 8, 1939
ROUTES 7 & 8
Roadway width 16 feet, Safe load 4 tons.
There is much heavy hauling, consisting chiefly of
logs and lumber, across this bridge.



Ouachita River Bridge - Arkadelphia - 2-8-1939 1939



Ouachita River Bridge - Arkadelphia. 2-8-1939

PLUM BAYOU BRIDGE - MARCH 1, 1939
Route 15, south of Sherrill
Width of roadway 12 feet. Safe load _____
Trusses out of line and piers have settled.
Bridge in poor condition.



Plum Bayou Bridge Route 15 3-1-1939

NARROW CONCRETE BRIDGE - MARCH 1, 1939
Route 13, north of Star City
This condition is dangerous because bridge
is not as wide as roadway on each side and
is too narrow for two vehicles to pass safely.



Narrow Bridge Route 13 near Star City 3-1-1939

BAYOU BARTHOLOMEW BRIDGE - MARCH 1, 1939
Route 13, North of Star City
Width of roadway 12 feet - Safe load _____
Narrow roadway and light carrying capacity make
this bridge hazardous.



Bayou Bartholamew Bridge Route 13 3-1-1939



Bayou Bartholamew Bridge Route 13 3-1-1939

BAYOU BARTHOLOMEW BRIDGE - MARCH 1, 1939
Route 11, east of Star City
Width of roadway 12 feet. Safe load _____
Floor in bad condition. Cylinder pier has settled.
Narrow roadway and light carrying capacity make
this bridge hazardous.

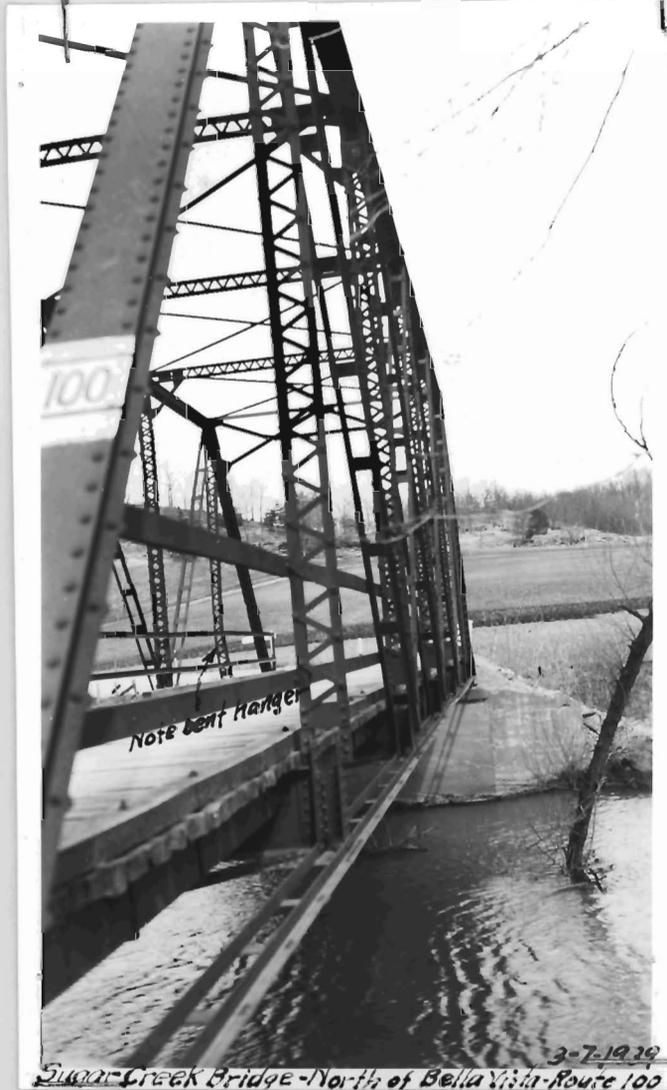


Bayou Bartholamew Bridge Route 11 3-1-1939



Bayou Bartholamew Bridge Route 11 3-1-1939

SUGAR CREEK BRIDGE - MARCH 7, 1939
Route 100, north of Bella Vista
Narrow roadway and sharp turn at
Bridge end make this bridge hazardous.
Many accidents have occurred here. End
post knocked out once; one hanger now
badly bent due to truck striking truss.



CYPRESS BAYOU BRIDGE-Mar. 12, '39

Route 31, south of Beebe

Width of roadway 10 feet.

Safe load _____

Narrow roadway and poor alignment makes bridge hazardous.

Accident on the bridge damaged both hangers at south end of span. One is broken almost in two.



Cypress Bayou Bridge - Route 31 - S. of Beebe



Cypress Bayou Bridge - Route 31 - S. of Beebe - 3-12-1939

SPRING RIVER BRIDGE - MARCH 13, 1939

Route 11, at Hardy

Roadway width 12 feet. Safe load _____

Narrow roadway, sharp turn on approach at south end, and light capacity make this bridge hazardous. Four-inch water pipe, enclosed in wood box, has been hung on bottom chord of bridge.

Method of hanging pipe is very poor.



Spring River Bridge - Hardy - Route 11 - 3-13-1939



Spring River Bridge - Hardy - Route 11 - 3-13-1939



SPRING RIVER BRIDGE - MARCH 13, 1939
ROUTE 63, south of Mammoth Spring
Width of roadway 10 feet. Safe
load indeterminate.
Narrow roadway and very rough riding
surface make this bridge unsatisfactory.

3-13-1939
Spring River Bridge - Route 63 - S. of Mammoth Spring

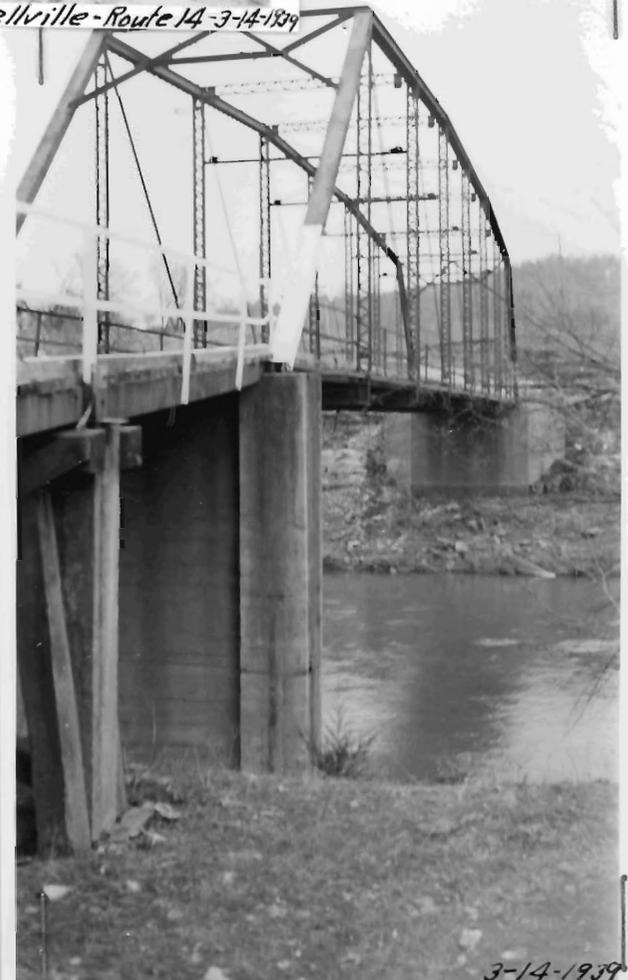


Spring River Bridge - Route 63 - S. of Mammoth Spring - 3-13-1939



CROOKED CREEK BRIDGE- 3/14/39
Route 14, at Yellville
Width of roadway 15 feet
Safe load _____
Light carrying capacity
and sharp turn at Yellville
end of bridge make this
bridge hazardous.

Crooked Creek Bridge - Yellville - Route 14 - 3-14-1939



Crooked Creek Bridge - Yellville - Route 14
3-14-1939

ANTOINE RIVER BRIDGE - MARCH 20, 1939

Route 26 at Antoine

One 40' pony truss, one 160' through truss,
Six 20' beam spans.

Width roadway 15 feet. Safe load _____

Bridge of very light construction. Badly rusted
in spots. Needs paint. Heavy hauling of logs
and lumber.



TERRE NOIRE CREEK - March 20, 1939
Route 26, between Hollywood and Antonio
120 feet through truss with beam span on
each end. 10 foot roadway. Light steel
construction. Heavy hauling of logs and
lumber on this highway.



TERRE NOIRE CREEK BRANCH - March 20, 1939
Route 26, at Hollywood
Roadway width 10 feet. 80 feet pony truss and
one beam span. Narrow roadway and light
steel construction. Heavy hauling of logs
and lumber. 3 bridges like this between
Arkadelphia and Antoine.



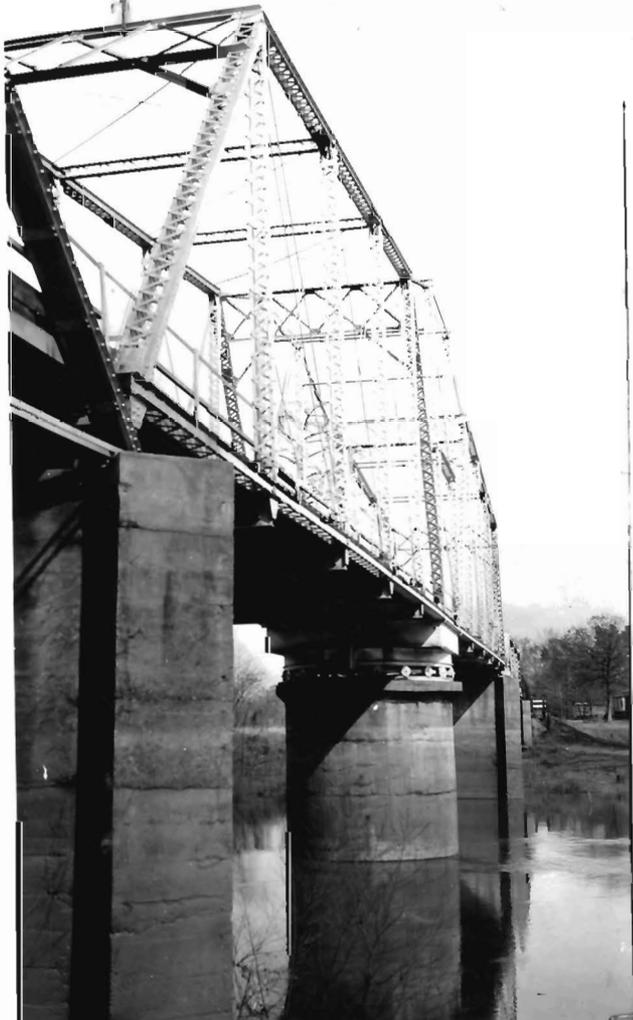
SALINE RIVER BRIDGE - March 21, 1939
Route 70, between Dierks and Cossatot River
Width roadway 11 feet. Two 60 foot pony trusses,
Two 18 foot beam spans. Very light construction
Six inch stringers.



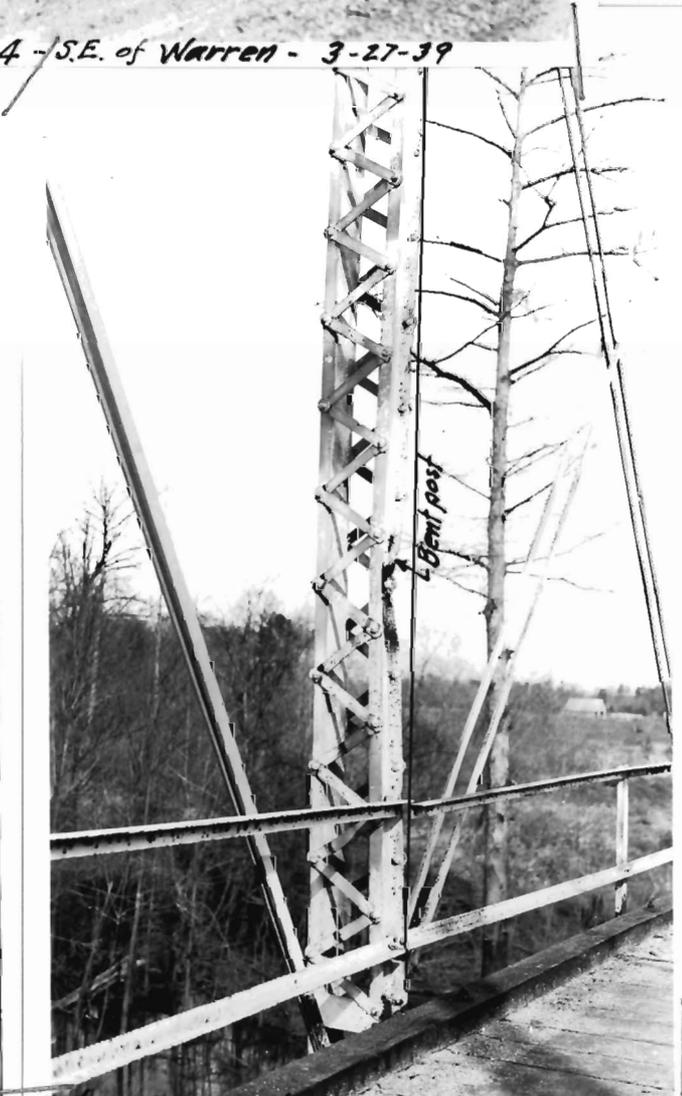
SALINE RIVER BRIDGE - March 27, 1939
Route 4, Southeast of Warren
Roadway width 15 feet. Very light construction.
Bottom chord trough section holds water and is
badly rusted.
Rail in bad condition. One post badly bent.



Saline River Bridge - Route 4 - S.E. of Warren - 3-27-39



Saline River Bridge - Route 4 - 3-27-1939



Saline River Bridge - Route 4 - 3-27-1939

BOUEF RIVER BRIDGE - MARCH 28, 1939

Route 82, west of Lake Village

10 foot roadway. Pony truss 65 feet long and 23 foot
beam span each end. 24-inch cylinder piers.

Rail broken. Bridge very light and in poor condition.



Bouef River Bridge - Route 82 - near Lake Village - 3-28-1939



Bouef River Bridge - Route 82 - near Lake Village - 3-28-1939

DECEIPER CREEK BRIDGE - APRIL 4, 1939
Route 8, west of Arkadelphia
Width of roadway 10 feet. Length of span 42 ft.
Bridge in very bad condition. Some truss members
badly bent. Heavy hauling of logs and lumber.



Deceiper Creek Br. - Route 8 - W. of Arkadelphia - 4-4-1939.



Deceiper Creek Br. - Route 8 - W. of Arkadelphia

4-4-1939

SULPHUR RIVER RELIEF BRIDGE - 4/4/39

Route 71, south of Fouke

Treated timber bridge built in 1925-26

Some of laminated deck has been replaced
with plank.

Opening underneath bridge has scoured badly.

Some piling now have only about 8 feet

penetration. Soil erodes rapidly. A single

high water might endanger this bridge.



Sulphur River Relief - Route 71 - 4-4-1939 - Note scour.



Looking south along upstream side.

Sulphur River Relief - Route 71 - 4-4-1939

HIGHWAY BRIDGE .8 MILES SOUTH OF MARMADUKE

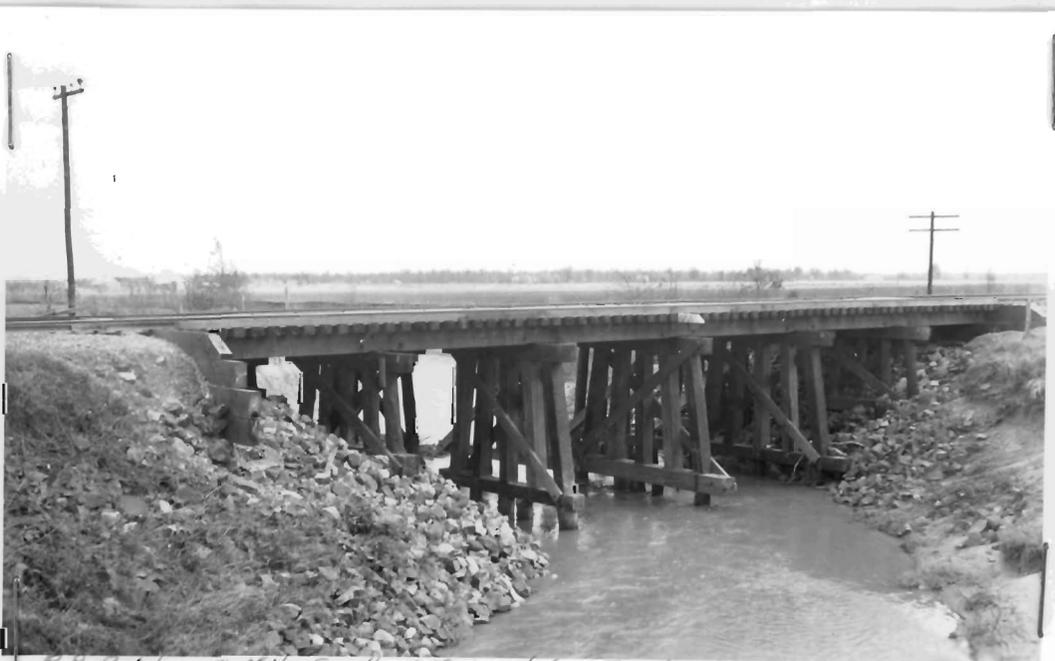
Route 1

April 17, 1939

Highway opening and railroad opening are not in line. Highway bridge should be extended two spans to the right to permit direct flow through both openings. Present conditions make it difficult to maintain bridge end.



Bridge .8 Mile South of Marmaduke - Route 1 - 4-17-1939



R.R. Bridge .8 Mile South of Marmaduke - Route 1 - 4-17-1939

IRONS FORK BRIDGE, BUILT 1907. May 3, 1939

Route 88, Six miles east of Mena

Two 85 foot through truss spans, -5 panels

5 T. safe load.

@ 17'-0"

Width of roadway 10 feet. Wood stringers 7'-3 $\frac{1}{2}$ " X 11 $\frac{1}{2}$ "

Depth of truss 20'-0" Floor beams 10" I's

End post and top chord section 2-5" channels

Cover plate 10 x $\frac{3}{4}$ "

End panels bottom chord 2 Bars -1 $\frac{1}{2}$ " x $\frac{1}{2}$ "

Int. panels bottom chord 2 Bars 2x 5/8"



Irons Fork Bridge - Route 88 - East of Mena - 5-3-1939



Irons Fork Bridge - Route 88 - East of Mena

OUACHITA RIVER BRIDGE

MAY 3, 1939

Route 27, north of Mt. Ida

One span through truss 200 feet long, 10 panels

Roadway 11'-0" - Wood approach north end.

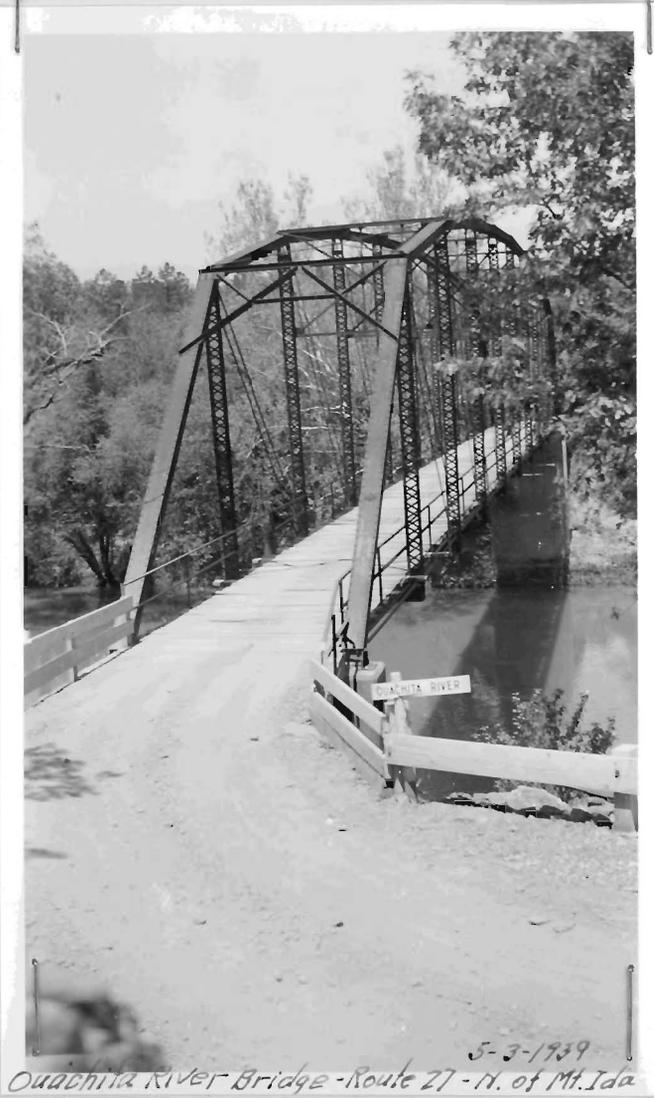
Steel stringers: 4 -8" I beams

2 -8" channels

Wood floor in very poor condition



Ouachita River Bridge - Route 27 - North of Mt. Ida. 5-3-1939



*5-3-1939
Ouachita River Bridge - Route 27 - N. of Mt. Ida*