

STATE OF ARKANSAS  
STATE HIGHWAY DEPARTMENT

FISCAL YEAR	JOB NO.	SHEET NO.	TOTAL SHEETS
1929	487	1	13

PLAN OF PROPOSED BRIDGES  
ON  
FAYETTEVILLE-ELKINS ROAD  
WASHINGTON COUNTY

ROUTE 16 SEC. 3  
JOB NO 487  
FEDERAL AID PROJECT No.

INDEX OF SHEETS

Sheet No.	Drawing No.	Title
1	1499	Title Sheet
2	1500	Layout of Bridge No. 992
3	1501	Details " "
4	20	Details of Standard 19' Timber Trestle, 18' Rdwy.
5	1502	Layout of Bridge No. 993
6	1503	Details of Substructure of Br. No. 993
7	124	Details of Standard 130' Steel Truss, 18' Rdwy.
8	F.S. 22-A	Typical Cross Sections, 22' Flat Subgrade.
9-13		Plan, Profile and Cross Section Sheets.

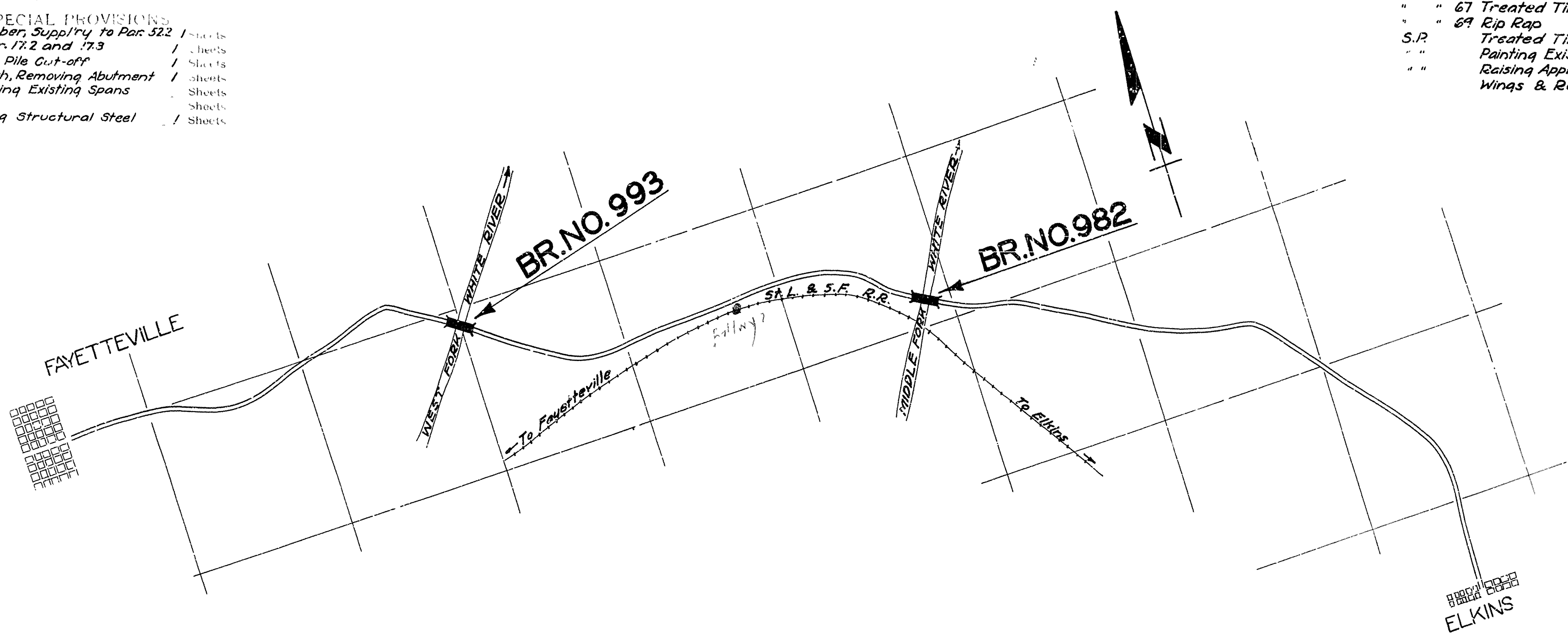
Approved by the State Highway Department  
on this 1st day of \_\_\_\_\_ 1929  
at \_\_\_\_\_ Arkansas  
The undersigned being duly sworn to depose and say that the  
above is a true and correct copy of the original as the same  
exists in the files of the State Highway Department.

SPECIAL PROVISIONS

- Treated Br. Timber, Supply to Par. 522 1 Sheets
- Revisions to Par. 17.2 and 17.3 1 Sheets
- Treated Timber Pile Cut-off 1 Sheets
- Raising Approach, Removing Abutment 1 Sheets
- Wings & Reflooring Existing Spans of Br. No. 982 1 Sheets
- Painting Existing Structural Steel 1 Sheets

QUANTITIES

Item No.	Description	Quantity	Unit
12	Common Excavation	2925	Cu. Yds.
13	Dry " for Structures	89	" "
13	Wet " " "	100	" "
13	Rock " " "	13	" "
17	Borrow	3531	" "
19	Overhaul	10,995	Sta. "
52	Untreated Timber	4,564	M. Ft. B. M.
52	Treated " "	137,869	" " "
54	Class "A" Concrete	110.67	Cu. Yds.
54	" "S" " "	57.14	" "
55	Reinforcing Steel	12,554	Lbs.
56	Structural Steel (Trusses)	111,000	" "
67	Treated Timber Piling	3,640	Lin. Ft.
69	Rip Rap	240	Sq. Yds.
S.P.	Treated Timber Pile Cut-off	284	Lin. Ft.
"	Painting Existing Struct'l Steel		Lump Sum
"	Raising Approach, Removing Abutment		" "
"	Wings & Reflooring Existing Spans		" "



LAYOUT  
Scale: 1" = 2000'

LENGTH OF PROJECT = 999'-0"

APPROVED \_\_\_\_\_  
COMMISSIONER - STATE LANDS, HIGHWAYS AND IMPROVEMENTS

APPROVED \_\_\_\_\_  
STATE HIGHWAY ENGINEER

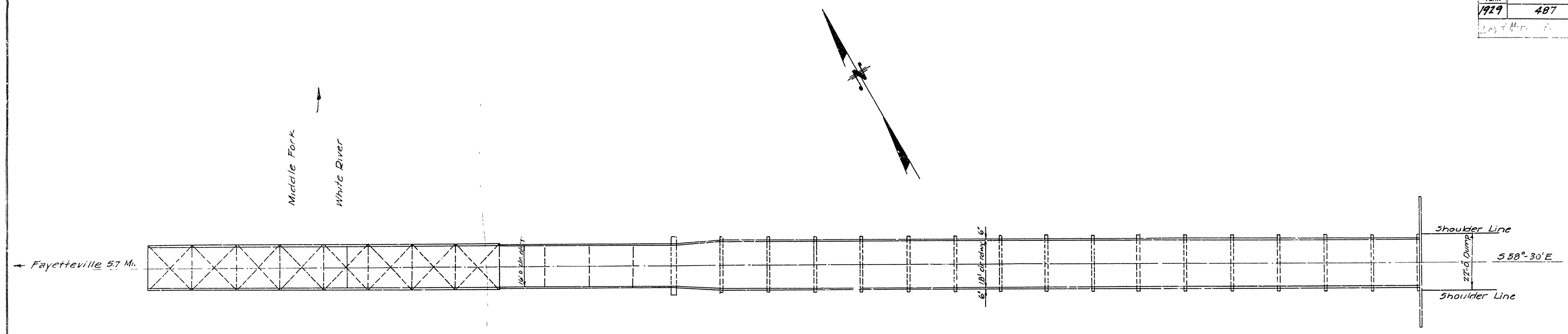
RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DISTRICT ENGINEER - U.S. BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
CHIEF ENGINEER - U.S. DEPT. OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
DIRECTOR - U.S. BUREAU OF PUBLIC ROADS

M.B. Laver  
BRIDGE ENGINEER

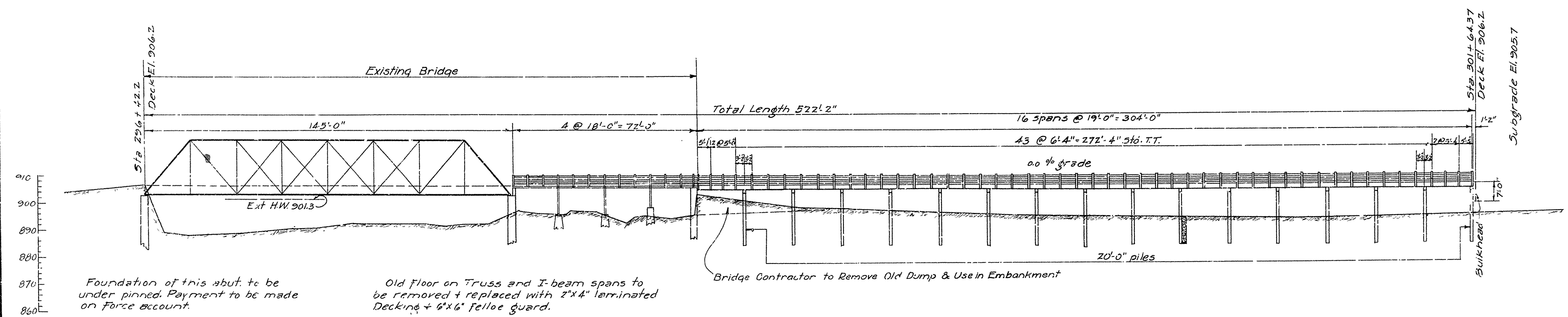
FISCAL YEAR	JOB NO.	SHEET NO.	TOTAL SHEETS
1929	487	2	13



PLAN

Quantities.

Item No. 17	Borrow	3,531 Cu. Yds.
" "	52 Untreated Timber	2,147 M.F.T.B.M.
" "	52 Treated Timber	74,270 " " "
" "	54 Class "A" Concrete	8,84 Cu. Yds.
" "	67 Treated Timber Piling	1,224 Li. Ft.
Special Provision - Tr. Timber Pile Cut-off		136 " "
" "	Raising Approach, Removing Abutment Wings	Lump Sum
" "	Painting Existing Struct Steel	" "



ELEVATION

Foundation of this abut. to be under pinned. Payment to be made on force account.

Old floor on Truss and I-beam spans to be removed + replaced with 2"x4" laminated Decking + 6"x6" felloe guard.

All steel to be cleaned and painted with 2 coats of paint as approved. Payment shall be made on a lump sum bid.

I-beam spans to be raised to Elev. 906.20 concrete pedestals and breastwall of Abut. to be built up as shown on Drwg. No. Wingwalls of Abut. to be removed to ground line as directed.

Payment for raising I-beam spans (except building up pedestals and breastwall of Abut.) and removing wings of Abut. shall be made on a lump sum bid.

B.M. Elev. 902.85 N.E. cor. N. end E. Abut

For Details see Drwg. No. 20 + 124

Test Holes  
 Sta. 300+50 S.R. El. 885.3  
 Sta. 301+00 S.R. El. 884.1  
 Sta. 301+50 S.R. El. 884.0

Lengths of piling shown include cut-offs and are assumed for Estimating Quantities only. Actual lengths to be determined in the field.

LAYOUT  
 BRIDGE OVER MIDDLE FORK  
 FAYETTEVILLE, ELKINS RD.  
 WASHINGTON CO.,  
 ROUTE 16" SEC. 1

ARKANSAS STATE HIGHWAY DEPARTMENT  
 LITTLE ROCK, ARK.

Drawn By: *ERB* Date: 3/28/29  
 Traced By: *EMEG* Date: 3/29/29  
 Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
 BRIDGE NO. 982 DRAWING NO 1500

*N.B. Lawler*  
 BRIDGE ENGINEER

Scale: 1" = 20'



