

1363
L-24

NORTHERN PACIFIC RAILWAY COMPANY AUTHORITY FOR EXPENDITURE

COMPTROLLER'S

No. 1929
No. 1929

DEPT. No.

ENGINEERING DEPT. No. 4

YEAR 1929

A. F. E. No. 141

Rocky Mountain

Div. Bitter Root

DISTRICT STATE Montana VAL. SEC. No. 5
BRANCH

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 71 070.
Accounting distribution as follows: (Distribution to be made in General Office.)

Cost of property retired	Operating Expenses	Profit and Loss	Net Operating Expenses	Net Profit and Loss
Value of salvage	\$ 34 310.			
Incidental costs	950.		33 360.	
Total to Operating Expenses			4 050.	
Total to Profit and Loss				\$ 37 410.
To Material and Supplies				
To Bills for Collection				950.
To Other Accounts				
Net charge to investment account—Additions and Betterments				33 660.
Total of distribution				72 020.

Budget reference: Item 1929 Budget

Joint facility contract reference: None

Class of Works No. 4

The location is _____ on this company's property. To secure rights, it will be necessary to do nothing

Location: Missoula, Montana, Bridge O, Missoula River.

Title: Replace Howe Trusses with Steel Spans.

Reason: The present structure consists of three 136 foot Howe Truss Spans and 45 feet of pile trestle on timber piers, built in 1916. The timber has reached the end of its life and must be replaced in 1929. It is proposed to replace the bridge with four 100 foot Deck Lattice Spans from Bridge 149, Second District, Yellowstone Division, on concrete masonry.

Cost of Permanent Work	\$71 070.
Cost of Renewal in Kind	52 000.
Annual Cost Permanent Work	4 264.
Annual Cost Renewal in Kind	10 400.

Work to be done by company force under charge of Division Superintendent

Accounting to concentrate in the office of Division Superintendent

Signature and Title: *W.B. Clement*

Bridge Engineer Date Sept. 25 1928



APPROVED:

General Superintendent.	Asst. Chief Engr. or Engr. Maint. of Way.	General Manager.
Mech. Sect., Supt. Telph. or Signal Engr.		
<i>Dennard H. H. H.</i> Chief Engineer	<i>W. J. H.</i> Vice President	
For Comptroller	President	Date of Final Approval
<i>W. J. H.</i>	<i>Charles Hornum</i>	

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

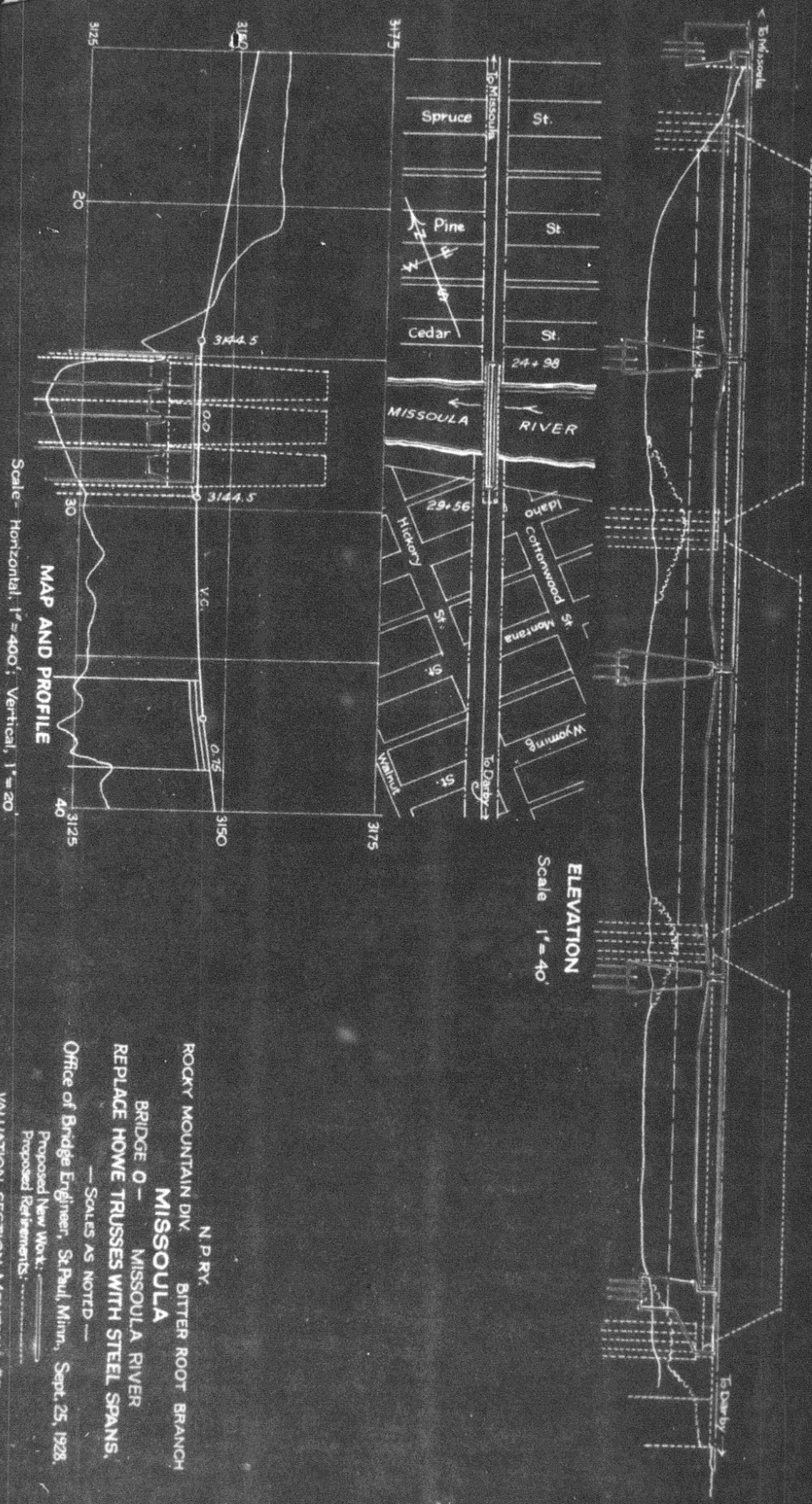
Form No. 1345 issued

19. Work begun

19. Work finished

1929 79

Present bridge consists of 3-130 foot through Howe trusses and 3 pile trestle spans; total length 458 feet.
 Proposed bridge consists of 4-100 foot deck plate lattice girders; total length 410 feet.



ELEVATION
 Scale 1" = 40'

MAP AND PROFILE
 Scale - Horizontal, 1" = 400'; Vertical, 1" = 20'

N. P. R. Y.
 ROCKY MOUNTAIN DIV. BITTER ROOT BRANCH
MISSOULA
 BRIDGE 0 - MISSOULA RIVER
 REPLACE HOWE TRUSSES WITH STEEL SPANS.
 — SCALES AS NOTED —
 Office of Bridge Engineer, St. Paul, Minn., Sept. 25, 1928.
 Proposed New Work: _____
 Proposed Retirements: _____
 VALUATION SECTION MONTANA #5.