



N. P. 1363
6-24

NORTHERN PACIFIC RAILWAY COMPANY

AUTHORITY FOR EXPENDITURE

COMPTROLLER'S COPY

1929 1929
YEAR 1929

SUPERINTENDENT'S NO. 8
NO.

DEPT. NO.

A. F. E. NO. 29

ENGINEERING DEPT. NO. 26

Yellowstone Div.

Third

DISTRICT ~~Frank~~

STATE Montana

VAL. SEC. NO. 1

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 15290.

Accounting distribution as follows: (Distribution to be made in General Office.)

	Operating Expenses	Profit and Loss	Net Operating Expenses	Net Profit and Loss
Cost of property retired.....	\$	\$	\$	\$
Value of salvage				
Incidental costs				
Total to Operating Expenses				\$
Total to Profit and Loss				
To Material and Supplies				
To Bills for Collection				
To Other Accounts				
Net charge to investment account—Additions and Betterments.....				15290 ✓
Total of distribution				\$ 15290 ✓

Budget reference: 1929 budget item 21

Class of Work: No. 1 ✓

Joint facility contract reference: Not joint account

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

Location: 1 1/2 miles east of Cato

Title: Estimated cost of riprap to protect roadbed against the Yellowstone River between MP 33+115 and MP 33+960 as per sketch and dated December 1, 1928.

Reason:

At the point indicated in the attached blue print the Yellowstone River during periods of high water cuts into our embankment and to prevent further damage it is recommended that riprapping be done as per the estimate attached. This recommendation is the result of survey made during the fall of 1928 by Roadmasters and a Representative of the Engineering Department.

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

Accounting to concentrate in the office of Division Superintendent

Signature and Title: *R.T. Taylor* Supt

Checked by *[Signature]*
President's Office

Date Dec 13 1928

APPROVED:

[Signature] General Superintendent, *[Signature]* Asst. Chief Engr. or Engr. in Charge of Work, *[Signature]* General Manager.

Mech. Supt., Supt. Telg. or Signal Engr.

[Signature] Chief Engineer, *[Signature]* Vice President.

[Signature] For Comptroller, *[Signature]* President, Date of Final Approval: JAN 18 1929

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued. 19. Work begun. 19. Work finished *April 13* 1929



A & B.
 Sloping banks
 H.P. riprap 1800 C.Y.
 Loose " 1400 C.Y.
 SHIP " 400 "
 " " 2300 "

To Forsyth

Yellowstone

0+60 C.E.
 8' 50"
 1755+49.7 P.C.

1753+00	Top bank Et. 12° Water	158°
52+00	"	16° 125°
51+50	"	10° 113°
51+00	"	34° 110°
1750+00	"	46° 97°
49+55	M.P. 33+715 48" CIP 42°	
49+25	Top bank Et. 25° Water	52°
48+20	"	29° 91°
47+20	"	36° 97°
46+00	"	43° 121°
45+10	"	30° 113°
44+20	"	60° 132°
43+55	"	74° 150°

1752+00. M.P. 33+960.
 WE. propd H.P. riprap Rt.

1749+12.7 P.T.

2° 30' C.
 Δ 15° 22'

1743+55. M.P. 33+115
 EE. propd. H.P. riprap Rt.

1742+98. P.C.

33
 River

Proposed riprap to protect roadbed
 b/w.

MP 33+115 & 33+960

CATO

Office of Dist. Engineer, Livingston, Dec. 1, 1928
 Propd new work Mont. NE I.
 Vol. Sec. 1929 Budget Item.

N.P.R. 3rd Dist.
 DWG. No. _____

To Glendive

