



N. P. 1363  
6-24

# NORTHERN PACIFIC RAILWAY COMPANY AUTHORITY FOR EXPENDITURE

COMPTROLLER'S COPY

1929 1929  
YEAR 1929

SUPERINTENDENT'S No. 14  
No. 1

DEPT. No.  
ENGINEERING DEPT. No. 10

A. F. E. NO. 46

Montana Div. Second DISTRICT STATE Montana VAL. SEC. No. 3

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 3921.00

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 .....				451✓
Total to Profit and Loss .....				
To Material and Supplies .....				
To Bills for Collection .....				
To Other Accounts .....				
Net charge to investment account—Additions and Betterments.....				3470✓
Total of distribution .....				3921✓

Budget reference: Item 23 Class of Work: No. 1 ✓

Joint facility contract reference: Not Joint.

The location is on this company's property. To secure rights, it will be necessary

Location: Logan, Montana.

Title Riprap to Protect Roadbed.

and

Reason:

To prevent washing and cutting of roadbed by Gallatin River 873 cubic yards riprap should be placed between MP 163 plus 4760 and MP 164 plus 880.

It is therefore recommended that work be done as per attached blue print and estimate.

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

Checked and Entered President's Office



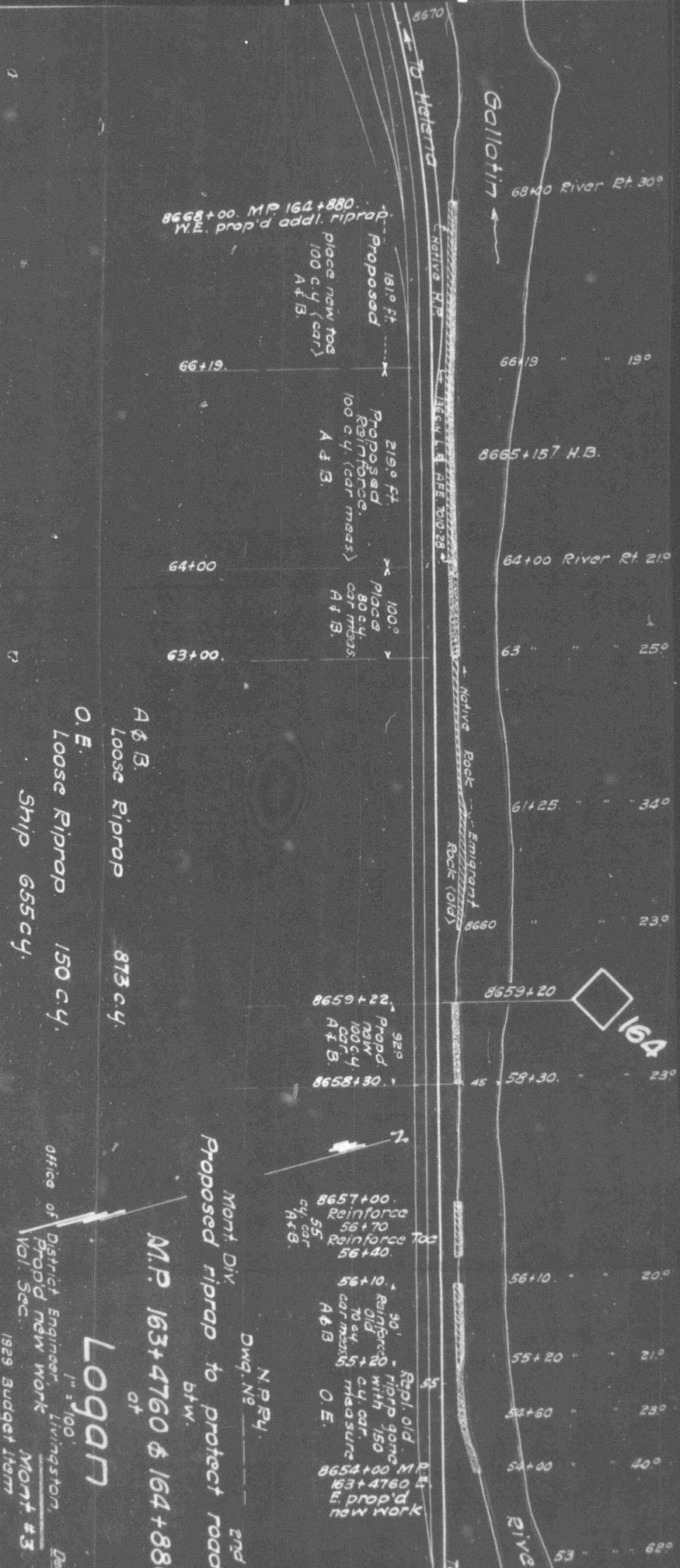
Accounting to concentrate in the office of Superintendent.

Signature and Title: *[Signature]* Superintendent, Date Dec. 11 1928

APPROVED: <i>[Signature]</i> General Superintendent.	<i>[Signature]</i> Asst. Chief Engr. in Charge of Maint. of Way.	<i>[Signature]</i> General Manager.
<i>[Signature]</i> Mech. Supt., Supt. Telgr. or Signal Engr.	<i>[Signature]</i> Chief Engineer.	<i>[Signature]</i> Vice President.
<i>[Signature]</i> For Comptroller.	<i>[Signature]</i> President.	Date of Final Approval { JAN 18 1929 } 19

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued 19... Work begun 19... Work finished June 3 1929



8668+00. M.P. 164+880.  
W.E. prop'd addl. riprap.

Proposed  
181' ft  
place new toe  
100 c.y. (car)  
A & B.

Proposed  
Reinforce  
100 c.y. (car meas)  
A & B.

place  
80 c.y.  
car meas  
A & B.

Prop'd  
new  
100 c.y.  
car  
A & B.

8657+00.  
Reinforce  
56+70  
Reinforce toe  
56+40.  
55 c.y. car  
A & B.

30'  
Reinforce  
to 54  
car meas  
A & B.

Repl. old  
riprap gone  
with 150  
c.y. car  
measure  
O.E.

8654+00 M.P.  
163+4760 &  
164+880  
E. prop'd  
new work

A & B.  
Loose Riprap 873 c.y.

O. E.  
Loose Riprap 150 c.y.

Ship 655 c.y.

Note: 368 c.y. of ground, Emergency  
Rock installed May 1928.

Mont Div  
Prop'd riprap to protect roadbed  
bfw.

M.P. 163+4760 & 164+880  
at

Logan

Office of District Engineer, Livingston, Dec 1928  
Prop'd new work  
Mont #3  
1929 Budget Item

N.P.R.U.  
Dwg. No.

1" = 100'

WE. prop'd add.

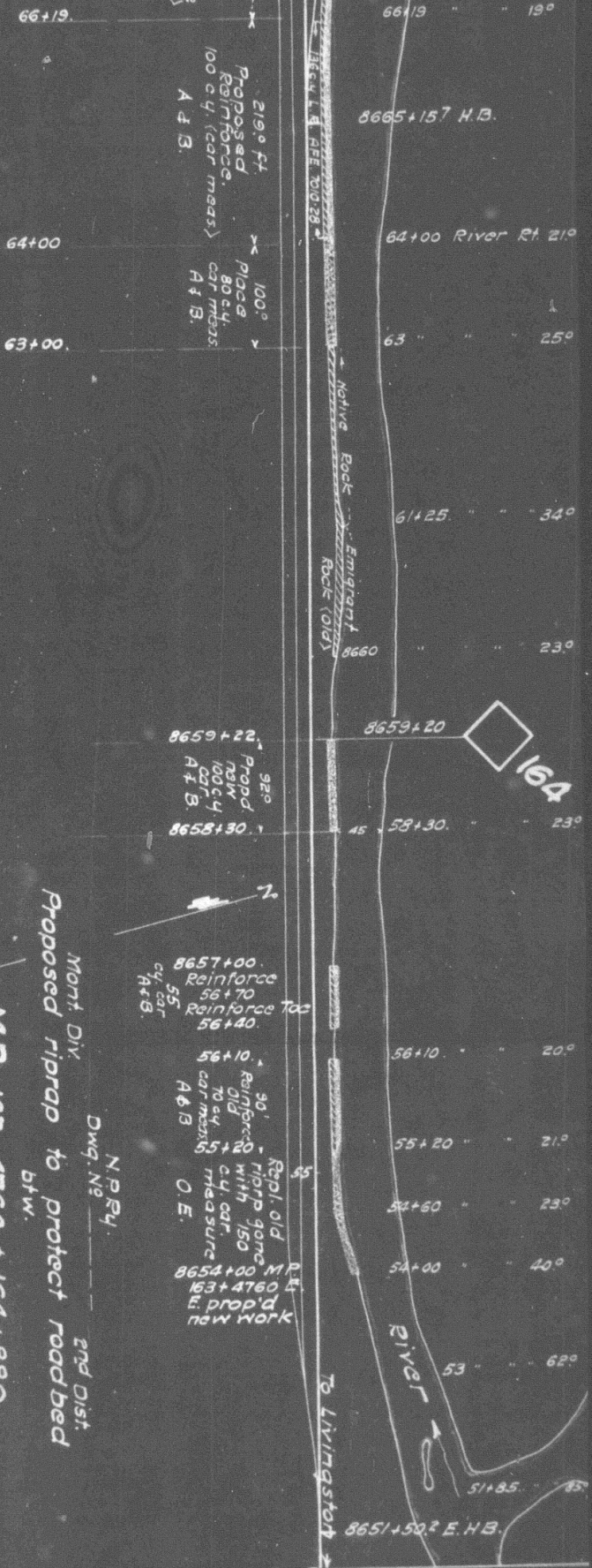
181° ft. Proposed place new toe 100 c.y. (car) A & B.

219° ft. Proposed Reinforce 100 c.y. (car meas.) A & B.

100° place 80 c.y. car meas. A & B.

Native R.P. 1854 E. H.E. 10/28

Native Rock Emigrant Rock (old)



A & B.  
 Loose Riprap 873 c.y.  
 O. E.  
 Loose Riprap 150 c.y.  
 Ship 655 c.y.  
 Note: 368 c.y. on ground, Emergency rock unloaded May 1928.

Mont. Div. N.P.R. 4.  
 Proposed riprap to protect roadbed  
 btw.  
 M.P. 163+4760 & 164+880  
 of  
**Logan**  
 Office of District Engineer, Livingston, Dec 18, 1928  
 Prop'd New Work  
 Vol. 56C  
 1929 Budget Item  
 Mont. #3