

1921

Form 1343 10M 7.20 2

COMPTROLLER'S COPY.

1921

NORTHERN PACIFIC RAILWAY COMPANY

AUTHORITY FOR EXPENDITURE

Year: 1920

Superintendent's No. 173
No.

Dept. No. Engineering Dept. No. 169

A. F. E. No. 2

Rooky Mountain Div. First District State Montana Val. Sec. No. 4

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 3600

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

	Operating Expenses	Profit and Loss	Net Operating Expense	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				3600
Total of distribution				\$ 3600



Budget reference: Not in Budget

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

Location: Bradley - (near)

Title: Proposed sloping back present face of cut to do away with over-hanging rock.

Reason: In the month of August 1920 a very serious slide occurred at tunnel cut No. 3 near MP 44 1/2, one mile west of Bradley. Tunnel No. 3 was uncovered in 1901 and since that time there has been no movement of the sides of the cut until suddenly masses of hard sandstone started to move toward the track on the slippery shale foundation and as a consequence our main line was blocked for three and one-half days, causing a very serious interruption of traffic. After the track was finally opened for service it was necessary to throw the main line two feet to the south and away from the sliding cut and maintain two watchmen at a monthly cost of \$259.00.

It is now proposed to slope the cut and take off the superficial weight as shown on the enclosed plan in order to insure the stability of the material and do away with the watchmen.

Work has been looked over upon the ground by Division Superintendent and District Engineer and it is their joint recommendation that same be approved.

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

Accounting to concentrate in the office of Superintendent, Missoula.

Signature and Title: *[Signature]* Superintendent. Date November 30th, 1920

APPROVED: *[Signature]* General Superintendent. *[Signature]* Emer. Maint. of Way. *[Signature]* Assistant General Manager.

Mech. Supt., Supt. Eng. or Supt. Engr. *[Signature]* Chief Engineer. *[Signature]* General Manager. *[Signature]* Vice President.

[Signature] General Auditor or Comptroller. *[Signature]* Charles Donald. Date of Final Approval 1-4-21 19

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued JAN 5 1921 Work begun 19 Work finished Apr 15 1921

M.P. 41-3246

2355' 00"

El. 44086

Soft Sandstone

Soft Sandstone

Hard Sandstone

Soft Sandstone

Shale

Soft Sandstone
Shale

Soft Sandstone

Hard Sandstone

Shale

Soft Sandstone

Hard Sandstone

Shale

2355' 00"
El. 44086

2355' 00"
El. 44086

Soft Sandstone

Hard Sandstone

Shale

Shale
Soft Sandstone

Hard Sandstone

Soft Sandstone
Shale

2355' 00"
El. 44086

Soft Sandstone

Hard Sandstone

Shale

Shale

Soft Sandstone
Shale

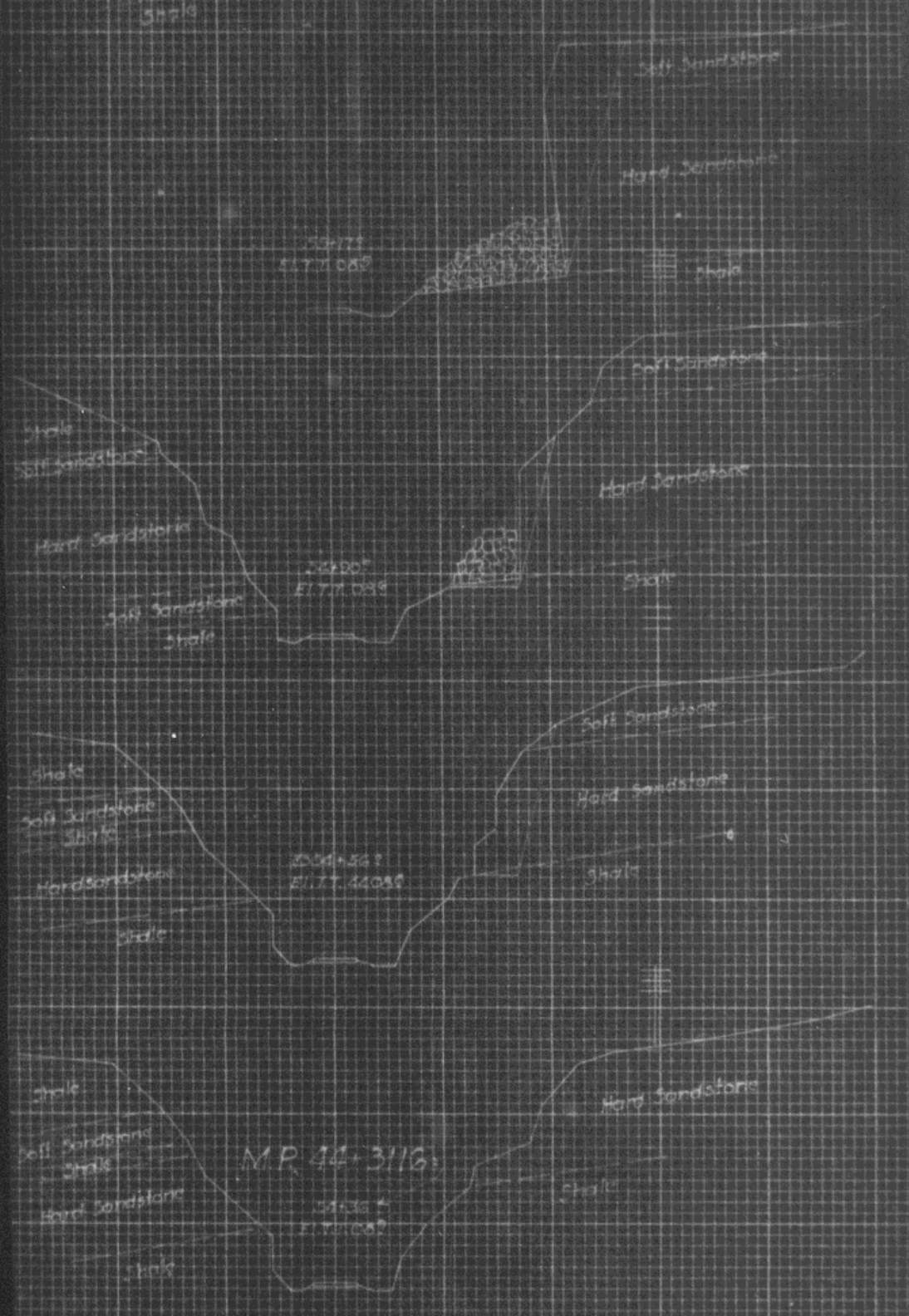
Hard Sandstone

2355' 00"
El. 44086

Soft Sandstone

Hard Sandstone

Shale



R.M. Div. N.P.Ry. 1st Dist. INC. 07010 021

Proposed sloping back present face of cut to do away with overhanging rock
 M.P. 44+3116 to 44+3246
 near

Bradley

Scale 1" = 20'

Office of Dist. Engr. Livingston Mont. 11-22-20
 Valuation Section Mont. # 4
 Proposed work shown red