

NORTHERN PACIFIC RAILWAY COMPANY 1923

AUTHORITY FOR EXPENDITURE

Year: 1922

1923

Superintendent's No. **134**
No.

Dept. No. **3**
Engineering Dept. No. **140**

A. F. E. No. **142**

Rocky Mountain Div. **Bitter Root** Branch State Montana Val. Sec. No. **18**

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 79 126

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	\$ 42 737	\$	\$	\$
Value of salvage	32 257		10 480	
Incidental costs			21 942	
Total to Operating Expenses				\$ 32 422
Total to Profit and Loss				
To Material and Supplies				32 257
To Bills for Collection				
To Other Accounts				
Net charge to investment account—Additions and Betterments				46 704
Total of distribution				\$ 111 383



Budget reference: **1923 Budget Item #120**

Class of Work: No. **3**

Joint facility contract reference: **Not Joint Account**

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

Location: **Lo Lo to Victor**

Title **Proposed relaying 56# rail with 2nd 85# between MP 11 and**
and **MP 23, and MP 32 to 35.**

Reason:

The present 56# rail is badly kinked and surface bent and is entirely too light for the traffic on this line. The maintenance of this light rail also results in excessive mechanical destruction of the ties. Logging business on the branch is increasing and by December 1st an additional train will be necessary to handle logs, originating near Darby, to Missoula and as this business will continue for at least a year and a half, or longer, adequate rail should be furnished to take care of the traffic. The track should be relayed with 2nd class 85# rail as outlined.

This A F E is requested now in line with the winter budget and that the work may be done while labor is available.

Original

Made in

Checked and Entered
President's Office

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

Accounting to concentrate in the office of Superintendent, Missoula.

Signature and Title:

J.W. Bartles
Superintendent.

Date November 21, 1922

APPROVED

J. C. ...
General Superintendent.

Donald ...
Engr. Maint. of Way.

Assistant General Manager.

Mech. Supl. Supl. T. Eng. or Signal Engr.

...
Chief Engineer.

...
General Manager.

Vice President.

...
Comptroller.

...
President.

Date of Final Approval } 28-23-19

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued SEP 10 1923 Work begun 19 Work finished May 29, 1923

M.P. 23+97 End Relay

M.P. 35 End Relay

1088+83 H.B. Ld. 765
206° 85' repl. 56°

1052+70 H.B.
206° 85' repl. 56°
1080+42 H.B. Ld. 765

206° 85' repl. 56°
778+107 H.B. Ld. 765

587+68 H.B. Ld. 765
206° 85' repl. 56°

M.P. 11+16 Begin Relay

571+71 H.B.

28

115° 65' repl. 56°
1124+37 H.B. Ld. 765
1128+60

20
1257+115

17
97+88

206° 85' repl. 56°
849+57 H.B. Ld. 765

15
722+657

593+67 H.B. Ld. 715
206° 85' repl. 56°

206° 85' repl. 56°
583+75 H.B. Ld. 765

11
581+139

85° 10' A.F.E. 356-20

35
1850+304

34

33
206-85° repl. 56°
1774+40 H.B. Ld. 765

32
1591+629

25
85° laid A.F.E. 513-22

23
85° laid A.F.E. 356-20

M.P. 32 Begin Relay

M.P. 23+97 End Relay

N.P. Ry. Bitter Root Br.
Rocky Mtn. Div.
Proposed relaying 56° rail with 85° rail
from M.P. 11 to 23 Av. 32 to 35
between

LOLO Av. Victor

Not drawn to scale
Office of Dist. Engr. Livingston, Mont. 1-12-1923
Valuation Section Mont. 18 Prop. work shown red
1923 budget item

Location	Track Ft.	Rail Ft.	Angle Bars	Track Bolts	Tie Plates	Track Spks	Nut Locks
588+3-105+63	85°	85°	85° H.T. 85/56°	1/4" x 3 1/2" x 1 1/2"	85° 6" x 6"	3/4" x 6"	68° Bolt
588+3-105+63	63452.0	12690.4°	4190	16760	71986	143972	16760
63507-1-05044	15537.2	31074.0	1005	4024	16727	33470	4024
Totals	78989.2	157978.0	5195	20784	88713	177442	20784

Material Placed - Main Tracks

Location	Track Feet	Rail Feet	Angle Bars	Track Bolts
588+3-105+63	54°	72°	56°	85/56°
588+3-105+63	63422.0	30°	12684.0	1220
63507-1-05044	15537.2	31074.0	1035	4124
Totals	78959.2	30°	157916.0	60°
			5263	21064
				177442

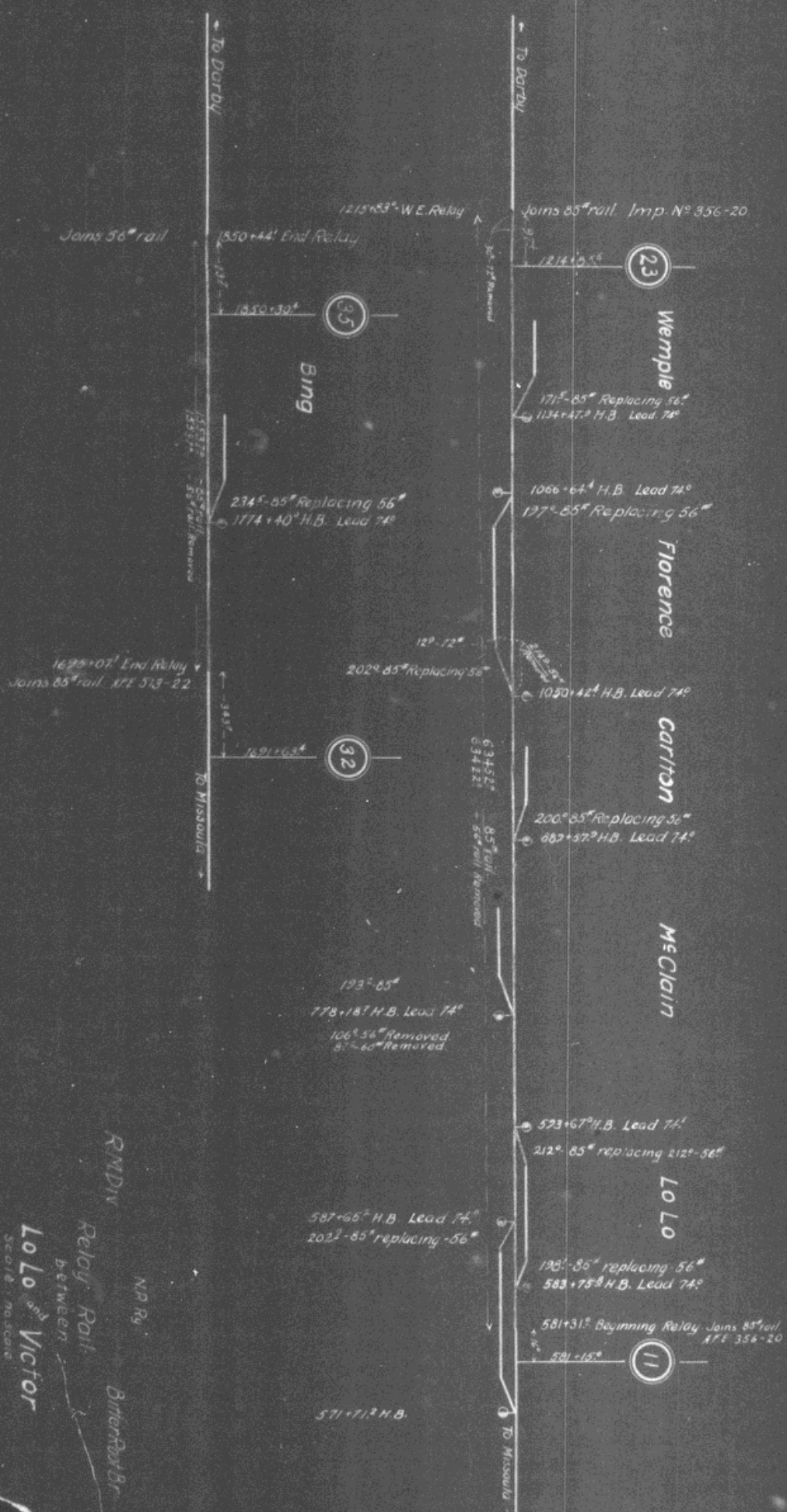
Material Released - Main Tracks

Head Block Location	Track Ft.	Rail Ft.	Switches	Expos	General Bolts	Angle Bars	Track Bolts	Nut Locks	Tie Plates	Track Spikes
333+78.4	198.1	328.2	1	1	1	12	52	50	209	454
587+66.6	202.9	405.8	1	1	1	14	60	60	213	462
593+67.0	212.0	424.0	1	1	1	15	64	60	213	492
778+81.1	193.2	386.4	1	1	1	15	64	62	216	448
889+97.9	200.0	400.0	1	1	1	14	60	60	216	461
1050+42.4	202.0	404.0	1	1	1	13	54	52	210	450
1066+57.4	197.0	394.0	1	1	1	11	56	4	204	456
1134+41.9	171.5	348.0	1	1	1	11	48	48	159	396
1274+40.0	234.5	469.0	1	1	1	15	64	64	216	502
Totals	1811.2	3622.4	9	9	9	122	522	42	510	1168
Deduct 9160 for Exps & Sm.		540.0								
Total Lin Ft.		3082.4								

Material Placed - Other Tracks

Material Released - Other Tracks

Location	Track Ft.	Rail Ft.	Switches	Expos	General Bolts	Angle Bars	Track Bolts	Track Spikes
Head Block	54°	60°	56°	85/56°	85° H.T. 85/56°	3/4" x 6"	3/4" x 6"	
333+78.4	198.1	328.2	1	1	1	12	52	
587+66.6	202.9	405.8	1	1	1	14	60	
593+67.0	212.0	424.0	1	1	1	15	64	
778+81.1	193.2	386.4	1	1	1	15	64	
889+97.9	200.0	400.0	1	1	1	14	60	
1050+42.4	202.0	404.0	1	1	1	13	54	
1066+57.4	197.0	394.0	1	1	1	11	56	
1134+41.9	171.5	348.0	1	1	1	11	48	
1274+40.0	234.5	469.0	1	1	1	15	64	
Totals	1736.9	3472	9	9	9	141	524	
Deduct 9153 for Exps & Sm.		477.0						
Total Lin Ft.		2995.8						



Office of District Engineer, Livingston, Missouri 718-2
 Vol. Section, Monticello, IA
 Auth. under Imp. No. 42, dated 1/21/1917
 Work begun, Feb. 6, 1923
 Work completed, May 2, 1923

RMP Div
 N.P. Ry.
 Bitter Root Br.
 Relay Rail
 between
 Lo Lo
 &
 Victor