

NORTHERN PACIFIC RAILWAY COMPANY
1929
AUTHORITY FOR EXPENDITURE

1929

YEAR 1929

SUPERINTENDENT'S No. 66
No.

DEPT. No.
ENGINEERING DEPT. No. 70

A. F. E. NO. 424

Montana Div. Second

DISTRICT BRANCH STATE Montana VAL. SEC. No. 3

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 3689.00

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	2170			
Value of salvage	911		1259	
Incidental costs			1050	
Total to Operating Expenses				2309 ✓
Total to Profit and Loss				
To Material and Supplies				911 ✓
To Bills for Collection				
To Other Accounts				
Net charge to investment account—Additions and Betterments				1380 ✓
Total of distribution				4600 ✓

Budget reference: Item 89-1929

Class of Work: No. 3 ✓

Joint facility contract reference: Not Joint.

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

Location: East Helena, Montana.

Title Relay Back Switching Track.

and

Reason:

This track is laid with 3/56#, 3/66# and 3/72# rail, which is too light for present heavy power in use in freight service and should be relaid this season with 3/85# rail. With heavier rail on this track cost of maintenance will be reduced due to elimination of present mechanical wear on ties.

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.

Accounting to concentrate in the office of Superintendent.

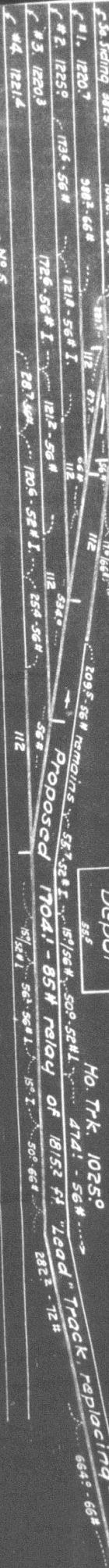
Signature and Title: *J. M. [Signature]* Superintendent. Date Feb. 12 1929

APPROVED: <i>[Signature]</i> General Superintendent	<i>[Signature]</i> Asst. Chief Engr. or Engr. in Charge of Work	<i>[Signature]</i> General Manager
<i>[Signature]</i> Mech. Supt., Supt. Telgh. 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: MAR 22 1929

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

19. Work begun 19. Work finished Oct 18 1929

TO Helena



12360+95' W.H.B. Lead Trk.
Prop'd 1:9 rig. 85# T.O.

59+18. E.H.B. "No 1" Trk.
Prop'd 112°-85# 1:9 rig. T.O.
replac'g 76.8-56# & 35.2-66#

58+01.5 E.H.B. "No 2"
Prop'd 112°-85# rig. T.O.
replac'g 112°-56#

56+89. E.H.B. "No 3"
Prop'd 112°-85# rig. T.O. 1:9
replac'g 112°-56# do.

55+66.2 E.H.B. "No 4"
Prop'd 112°-85# 1:9 rig. T.O.
replac'g 112°-56# do.

59+62.1 W.H.B.
Ho. Trk. Prop.
112°-85# rig.
Turnout
replac'g 87.2-66#
& 24.1-56#

56+25.8 E.H.B.

Nor. sdg. I.

12354+36.7

52+63.5 W.H.B.

Office Dist. Engineer, Liv
Prop'd new work
Vol. Sec Budget it

Mont. Div. Dwg. No. N.P.R.Y.

Proposed relaying of
track with 3/8"
of

East He

No scale

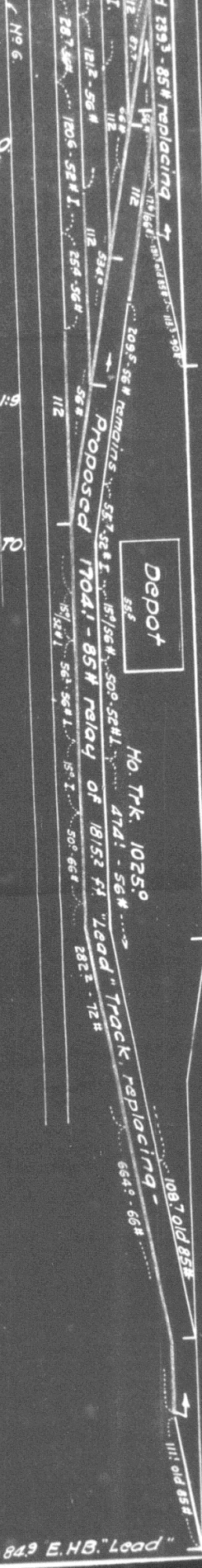
Prop'd 1:9 rig. 85# T.O.

59+18. E.H.B. "No 1" Trk.
Prop'd 112°-85# 1:9 rig. T.O.
replac'g 76.8-56# & 35.2-66#

58+01.5 E.H.B. "No 2"
Prop'd 112°-85# rig. T.O.
replac'g. 112°-56#

56+89. E.H.B. "No 3"
Prop'd 112°-85# rig. T.O. 1:9
replac'g. 112°-56# do.

55+66.2 E.H.B. "No 4"
Prop'd 112°-85# 1:9 rig. T.O.
replac'g. 112°-56# do.



59+62! W.H.B.
Ho. Trk. Prop.
112°-85# rig.
Turnout
replac'g. 87.2-66#
& 24.8-56#.

56+25.8 E.H.B.

Nor. sdq-7

12354+36.7

52+63.5 W.H.

19+44.2 E.H.

TO Livingston

12342+84.9 E.H.B. "Lead"

N.P.R.Y.
 2nd Dist.
 Mont. Div.
 Proposed relaying of back switching
 track with 3/85# rail
 at
East Helena
 No scale
 Dist. Engineer, Livingston, Feb. 6, 1929
 Prop'd new work
 Vol. Sec. MONT. NO 3
 1929 Budget item 89.

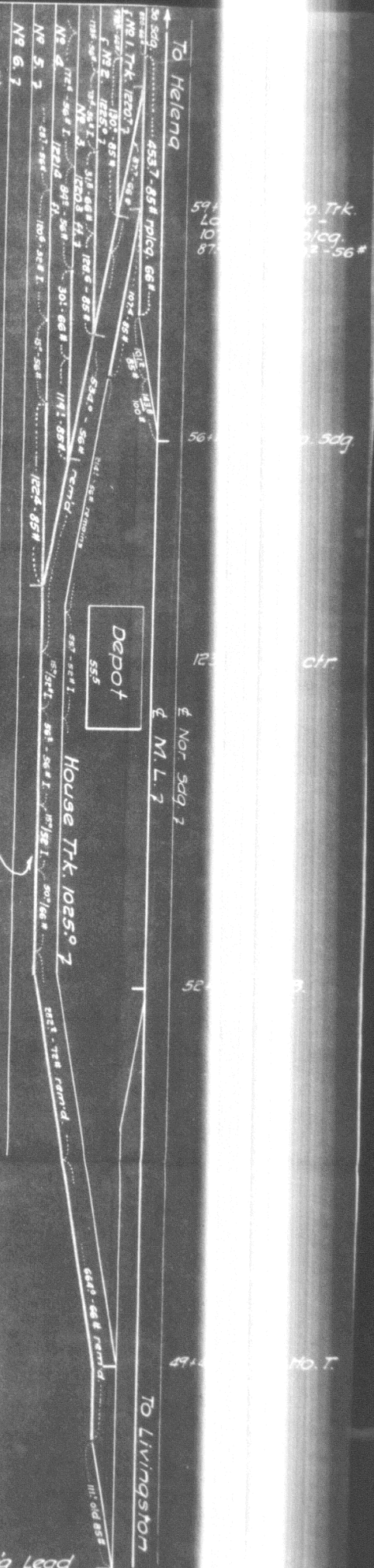
Relay Diagram.

Relay back switching track
 of
East Helena

Office of Dist. Engineer, Livingston, 3.21.30.
 New work
 No. scale
 Vol. Sec.
 Auth. un. Imp't 424-29
 Work begun
 Work completed
 Oct. 14, 1929

NOTE: 6 new 85# turnouts 1:9 rig. - Pls. 15°, frogs 135°

Swchq. Lead 1815.2 ft.
 1704' Tr. Ft. (with T.O.) 85# relay.
 Replacements shown.



12360+95' W.H.S. Sw. Lead Lft.
 Ld. 75.2 New T.O. - 85#

59+18. E.H.B. "No 1" Trk. Lft.
 Ld. 74.5 New - 130°-85#
 rplcg. 76#-56# (T.O.) and
 53#-66#

58+01.5 E.H.B. No 2 Trk.
 Ld. 74.5 New - 125°-85#
 & 312' 66# relay rplcg.
 160.4 - 56# rem'd, of
 which 90.5 in T.O. is steel
 & 69.9 is iron.

56+89.0 E.H.B. No 3 Tr.
 Ld. 74.5 New: 118.1 - 85#
 & 301 - 66# relay rplcg.
 149.2 - 56# rem'd.

55+66.2 E.H.B. No 4. Tr.
 Ld. 73.8 New: 122.4 - 85#
 rplcing 122.4 - 56#

CHARGES

SO. Sdg.	NO. Trk.	SW. Ld.	TK. #1	TK. #2	TK. #3	TK. #4	TOTALS
6074	1574	352"	204	200	810	1874	51674
2	2	-	2	2	2	2	12
24	24	112	448	229	664	77	173
24	4	4	4	4	4	4	24
420	420	67	12	316	1	1	259
32	32	12	316	1	1	1	1294
704	704	64	77	25	378	1	1051
6	6	6	6	6	6	6	626
1	1	1	1	1	1	1	6
564	564	1874	186	186	186	186	564
186	186	186	186	186	186	186	186
4	4	4	4	4	4	4	4
18	18	18	18	18	18	18	18
92	92	92	92	92	92	92	92
83	83	83	83	83	83	83	83
8	8	8	8	8	8	8	8
780	780	780	780	780	780	780	780
6226	6226	6226	6226	6226	6226	6226	6226
2	2	2	2	2	2	2	2
4	4	4	4	4	4	4	4
1	1	1	1	1	1	1	1

12374+849 E.H.B. Swg Lead