

1922

COMPTROLLER'S COPY

NORTHERN PACIFIC RAILWAY COMPANY

AUTHORITY FOR EXPENDITURE

Year: **1922**

Superintendent's No. **MPC No. 9** Dept. No. **Engineering Dept. No. 10**

A. F. E. No. **18**

Saint Paul Div. **White Bear** Branch **State Minn.** Val. Sec. No. **6**

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ **4 818.**

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

RECEIVED
DEPARTMENT
DOCUMENT 1510
MPC
EX-101

	Operating Expenses	Profit and Loss	Net Operating Expenses	Net Profit and Loss
Cost of property retired				
Value of salvage				
Amortization				
Depreciation				
Interest on bonds				
Interest on mortgages				
Interest on notes				
Interest on debentures				
Interest on other securities				
Interest on cash				
Interest on investments				
Interest on other accounts				
To Material and Supplies				
To Bills for Collection				
To Other Accounts				
Net charge to investment account—Additions and Betterments				
Total of distribution			1 770.	4 888.

Budget reference: **In Budget** Class of Work: No. **7**

Joint facility contract reference: **C.M. & St. P. Ry., October 1, 1900, Article II.**

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

Location: **Saint Paul, Minnesota, Arcade Street.**

Title and Reason: **Additional beams on floor system.**

Arcade Street Overhead Bridge consists of a steel viaduct 308 feet long, having a 100 foot girder over the Northern Pacific tracks. The maintenance of that portion over the Northern Pacific tracks has been assumed by the Northern Pacific Railway Company.

The steel I Beam stringers are badly corroded and must be reinforced immediately.

It is proposed to reinforce the floor stringers by addition of seven lines of steel I Beams and renew the underplanking on the roadway deck of the 100 foot girder span.

Original Cost Adjustment Made in **1922**

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 **Division Superintendent at Minneapolis, Minn.**

Signature and Title: **M. S. Clement** Bridge Engineer Date **January 27, 1922.**

APPROVED: <i>[Signature]</i> General Superintendent	<i>[Signature]</i> Engr. of Maint. of Way.	<i>[Signature]</i> Assistant General Manager.
<i>[Signature]</i> Mech. Supt. or Supt. Tech.	<i>[Signature]</i> Chief Engineer.	<i>[Signature]</i> General Manager.
<i>[Signature]</i> Comptroller.	<i>[Signature]</i> President.	<i>[Signature]</i> Vice President.

Date of Final Approval **MAR 2 1922**

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued **MAR 3 1922** Work begun **19** Work finished **Jan 8 1923**

NORTHERN PACIFIC RAILWAY COMPANY
 SAINT PAUL DIVISION

FIRST SUBDIVISION
 STATE OF MINNESOTA

WHITE BEAR LINE

VALUATION SECTION NO. 6

Arcade Street

Overhead City Bridge over Tracks.

Estimated cost of reinforcing floor stringers by addition of seven lines of Steel I Beams and renewing 4 inch underplanking on roadway deck of 100 foot plate girder span.

<u>Additions and Betterments</u>		<u>Labor</u>	<u>Material</u>
<u>Bridges, Trestles & Culverts</u>			
8.5 Tons Structural steel L \$25 M \$100		\$ 212	\$ 850
8.5 " Painting L \$1.20 M 75%		9	7
700 Holes drilled L 50¢		350	
Unloading and hauling		100	
Superintendence & Use of Tools		67	
		75	
		<u>813</u>	<u>100</u>
			<u>957</u>
			<u>813</u>
			<u>\$1770</u>

Engineering
Miscellaneous
Freight charges

Total New Work:

<u>Incidental Operating Expenses</u>			
370 sq. yds. Brick pavement removed	replaced	650	
300 " " " "		1110	370
14M FBM Planking removed		170	
14M FBM " placed		340	210
400 lbs. Hardware		10	25
Contingencies		230	
		<u>2510</u>	<u>605</u>
			<u>2510</u>
			<u>\$3115</u>

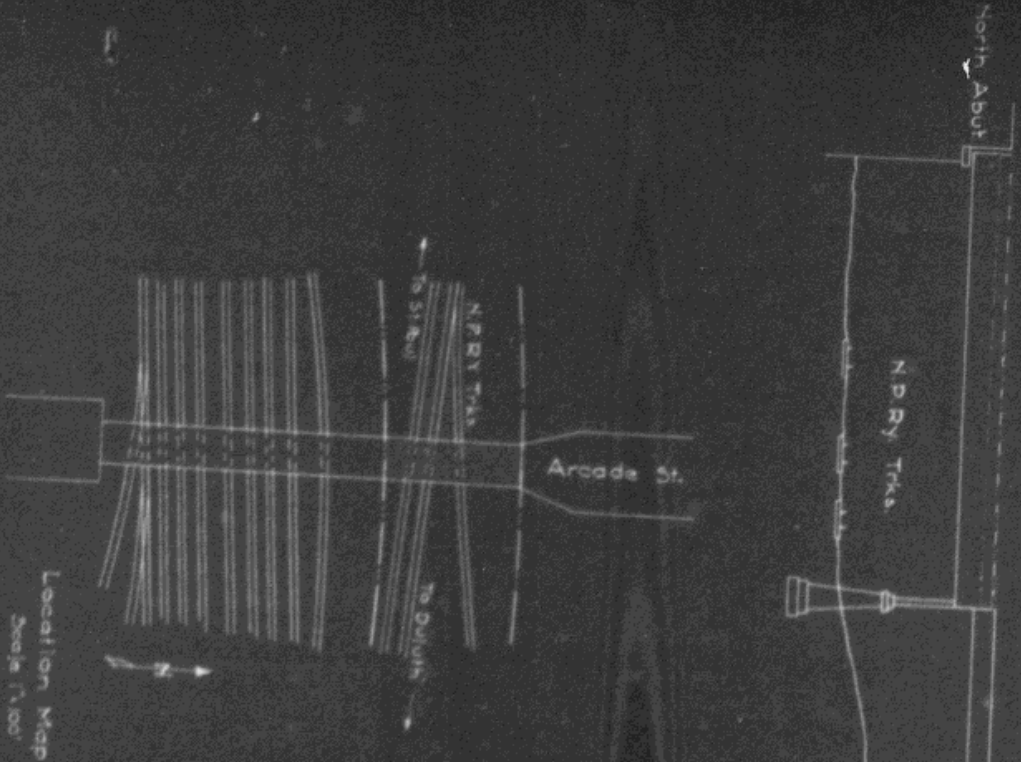
Changes in Old Work:

Salvage	\$70
Estimated Original Cost	0 (Built by City)

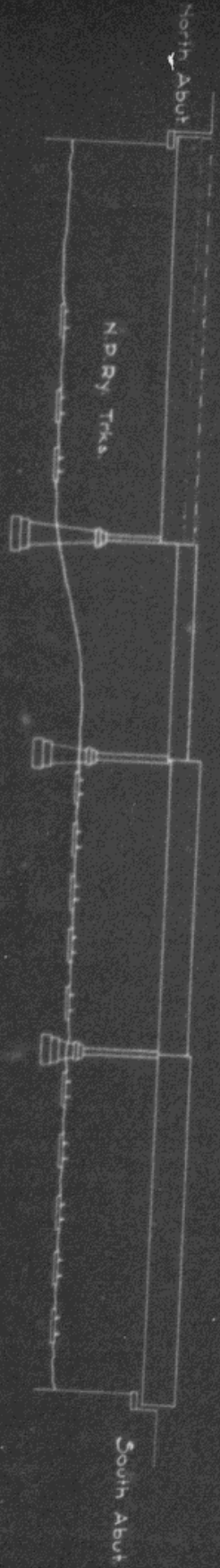
SUMMARY

Cost of New Work	\$1770
Changes in Old Work	<u>8115</u>
Less Salvage	4885
Net Expenditure:	<u>70</u>
	<u>\$4815</u>

Office of Bridge Engineer,
 Saint Paul, January 16, 1922.



ELEVATION
Scale 1:50



ST PAUL DIV. ST PAUL TERMINALS
MINN. VAL. SECT. 6
SKETCH SHOWING ARCADE ST.
OVERHEAD BRIDGE AND LOCATION
OF PROPOSED REPAIRS
Marked as Noted
Office of Bridge Engineering, St. Paul Minn. Jan. 24, 1922