

NORTHERN PACIFIC RAILWAY COMPANY

AUTHORITY FOR EXPENDITURE

Year: **1922**

Superintendent No. **3** Dept. No. _____
 Engineering Dept. No. **9**

A. F. E. No. **145**

Lake Superior Div. **Superior Terms** District **Wis.** State **Wis.** Val. Sec. No. **2**

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$122,00
 Accounting distribution as follows: (Distribution to be made in General Office.)

DOCUMENT 15700
 ENTERED ON
 EXHIBIT E

	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				\$
Total to Profit and Loss				\$
To Material and Supplies				
To Bills for Collection				
To Other Accounts				
Net charge to investment account—Additions and Betterments				122
Total of distribution				122

Budget reference: **Not in Budget** Class of Work: No. **21**

Joint facility contract reference: **C.M. & St. P. Ry., Co. Oct. 1, 1900 Art. 3**

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

Location: **Superior East End, Wisconsin**

Title and Reason: **Electric Lights in Roundhouse**

The State Inspector of sanitation for Wisconsin after inspecting the roundhouse at Superior East End reported that the following orders of the Industrial Commission of Wisconsin have not been complied with:-

(Order No. 2113— Shading of lamps for overhead lighting.)

Lamps suspended at elevations above eye level less than one quarter their distance from any position at which work is performed, must be shaded in such a manner that the intensity of the brightest square inch of visible light source shall not exceed **seventy-five candle power**.

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

Accounting to concentrate in the office of **Superintendent Duluth**

Signature and Title: *N.H. Stecher* Superintendent Date **January 17th 1922**

APPROVED:

<i>[Signature]</i> General Superintendent.	<i>[Signature]</i> Engr. Maint. of Way.	<i>[Signature]</i> Assistant General Manager.
<i>[Signature]</i> Mech. Supt. Dept. Telegraph & Signal Engr.	<i>[Signature]</i> Chief Engineer.	<i>[Signature]</i> Vice President.
<i>[Signature]</i> Comptroller.	<i>[Signature]</i> President.	

Date of Final Approval: **FEB 21 1922**

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

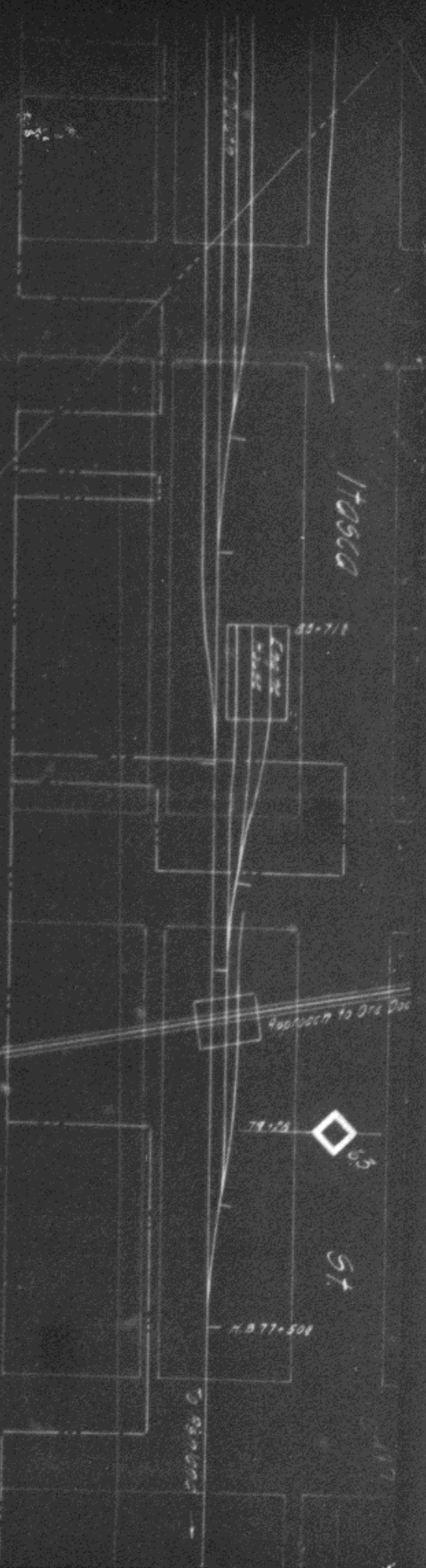
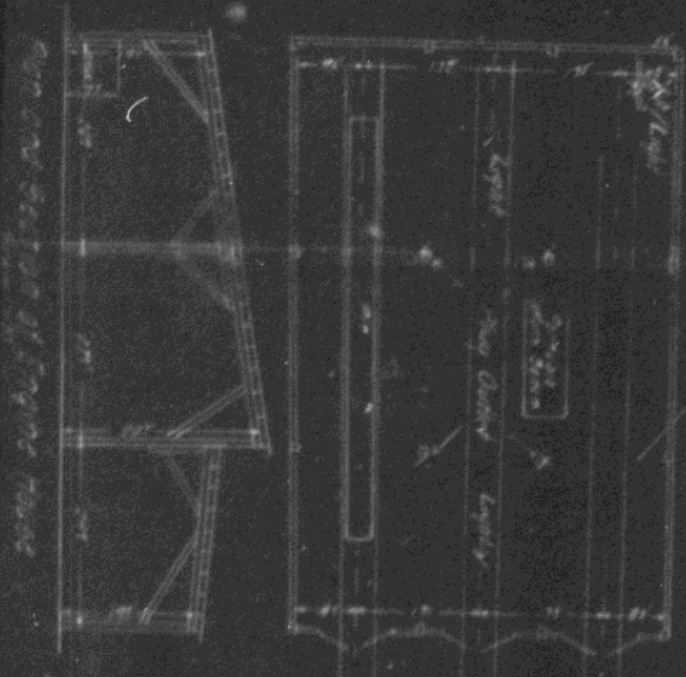
(Order No. 2114 Shading of lamps for local lighting.)

Lamps for local lighting must be shaded in such manner, that the intensity of the brightest square inch presented to view from any position at which work is performed, shall not exceed three candle-power.

(Order No. 2115, Distribution of light on the Work.)

The reflectors or other accessories, mounting, height and spacing employed with lamps shall be such as to secure a reasonably uniform distribution of illumination, avoiding objectionable shadows and sharp contrasts of brightness. If local lighting is used, there shall be employed in addition, a moderate intensity of overhead lighting.

At present we are using oil lamps on posts between stalls in the building, which method of lighting is not satisfactory and considerably handicaps the men in the performance of their duties and does not comply with the orders of the Industrial Commission and the only manner of complying with these orders is to install electric lighting and I recommend that this expenditure be authorized promptly.



LONG STREET - DIRT
 SUPERIOR LIGHTS IN ENGINE HOUSE
 SUPERIOR - EAST END
 SUPERIOR - TERMINUS
 OFFICE OF DISTRICT ENG'G DIVISION
 VALUATION SEC. CO. OF M.S.