

1022

NORTHERN PACIFIC RAILWAY COMPANY  
AUTHORITY FOR EXPENDITURE

Year: 1922

Superintendent's No. 60  
No.

Dept. No. Engineering Dept. No. 138(21)

A. F. E. No. 2

Puget Sound Div.

District State Wash,  
Branch

Val. Sec. No. 4

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ Blank

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	\$	\$	\$	\$
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				52
Total of distribution				\$ Blank



Budget reference: Not in Budget CORPORATE Original Class of Work No. 204

Joint facility contract reference: not joint Made in APR 1922

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

Location: Tacoma, Wash. Original Cost Adjustment Made in OCT 1922

Title and Reason: Change of tr transformers for meter operating pumping plant at Commercial Deck Bridge.

Sometime ago trouble was experienced with the meter operating the water pump (supplying water to various facilities in the Tacoma Terminals) located near east end of the Commercial Deck Bridge. Investigation developed voltage and amperage as high on one phase and was causing meter to over heat.

To overcome the trouble arrangements were made with the City of Tacoma to install a transformer which would give a lower voltage. The exchange of transformers was accomplished in June, 1921.

Transformer installed is new and the City advises that the N.P. transformer removed will be taken in exchange. The City also bore the labor expense making the change, which amounted to \$66.64.

completed by City forces

Work \_\_\_\_\_

Checked and Entered President's Office



Accounting to concentrate in the office of Supt at Seattle

Signature and Title: \_\_\_\_\_ Supt Date Dec. 13 1921

APPROVED: <i>[Signature]</i> General Superintendent.	<i>[Signature]</i> Prin. Asst. Engr. or Engr. in Charge	<i>[Signature]</i> Assistant General Manager.
<i>[Signature]</i> Mech. Supt., Supt. Telgr. or Signal Engr.	<i>[Signature]</i> Chief Engineer.	<i>[Signature]</i> General Manager.
<i>[Signature]</i> General Auditor or Comptroller.	<i>[Signature]</i> President.	<i>[Signature]</i> Vice President.

Date of Final Approval } JAN 10 1922 19

COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

Form No. 1345 issued JAN 11 1922 19 Work begun \_\_\_\_\_ 19 Work finished \_\_\_\_\_ 1921

NORTHERN PACIFIC RAILWAY COMPANY  
 PUGET SOUND DIVISION  
 STATE OF WASHINGTON

TACOMA TERMINALS  
 TACOMA  
 VALUATION SECTION #4

Estimate of cost of  
 a change in transformers  
 for motor operating  
 pumping plant at the  
 Commercial Dock Bridge.

Sometime ago trouble was experienced with the motor operating the water pump (supplying water to various facilities in the Tacoma Terminals) located near east end of the Commercial Dock Bridge. Investigation developed voltage and amperage as high on one phase and was causing motor to over heat.

To overcome the trouble arrangements were made with the City of Tacoma to install a transformer which would give a lower voltage.

The exchange of transformers was accomplished in June 1921.

Transformer installed is new and the City advises that the N.P. transformer removed will be taken in exchange. The City also bore the labor expense making the change, which amounted to \$58.64.

ADDITIONS & RETIREMENTS

WATER STATION

New General Electric Transformer,  
 25 KVA, Type A, Form A, Serial #1647712,  
 Primary voltage 1150/2300, Secondary  
 voltage 230/400

Cost of transformer to City of Tacoma 9/9/20 213.70  
 Total A&E \$ 214

ESTIMATED VALUE OF RETIREMENT OF OLD TRANSFORMER REMOVED

N.P. transformer, Valuation Number Wn. 2991,  
 20 KVA, General Electric Co., single phase, oil  
 cooled type, Type H, Form G, 60 cycles, 2050  
 115/230 volts - #93630 (including transportation)

162  
 Total retirement 162

ESTIMATED VALUE OF SALVAGE SAME AS ESTIMATE ORIGINAL COST

Note:--The difference between \$214.00 and \$162.00, or \$52.00 is taken under this estimate as a credit to #754, Grants in Aid of Construction.

Net Expenditure -- -- Blank

Office of District Engineer  
 Tacoma, Wash., December 9th, 1921

*A. J. Smith*  
 District Engineer

K

401  
 100  
 214  
 454