

1923

NORTHERN PACIFIC RAILWAY CO. AUTHORITY FOR EXPENDITURE

Year: 1923

Superintendent's No. 231 No. Dept. No. Engineering Dept. No. 21(23) A. F. E. NO. 97 Tacoma Div. Orting District State Wash Val. Sec. No. 10-F

AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF \$ 18,939.

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

Table with columns: Operating Expenses, Profit and Loss, Net Operating Expenses, Net Profit and Loss. Rows include: 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, Total of distribution.



Budget reference: Not in Budget Joint facility contract reference: Not joint

Class of Work: No. 27 11

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

Location: Between Orting and Electron, Washington

Title and Reason: Riprap protection placed during high water of December 1921 and additional riprap necessary.

During December 1921 high water in Puyallup River caused extensive damage to roadbed Orting Branch between Orting and Electron also washing out existing riprap. To take care of the emergency it was necessary to place a large quantity riprap and a small quantity additional riprap was necessary to afford full protection, as fully explained in estimate and sketch herewith attached. This RFA submitted to cover completed work and such small amount additional work as necessary.

Checked and Entered President's Office.



Work to be done by company force under charge of Superintendent

Accounting to concentrate in the office of Superintendent

Signature and Title: Superintendent Date Dec. 27, 1922

APPROVED: General Superintendent, Prin. Asst. Engr. or Engr., Assistant General Manager.

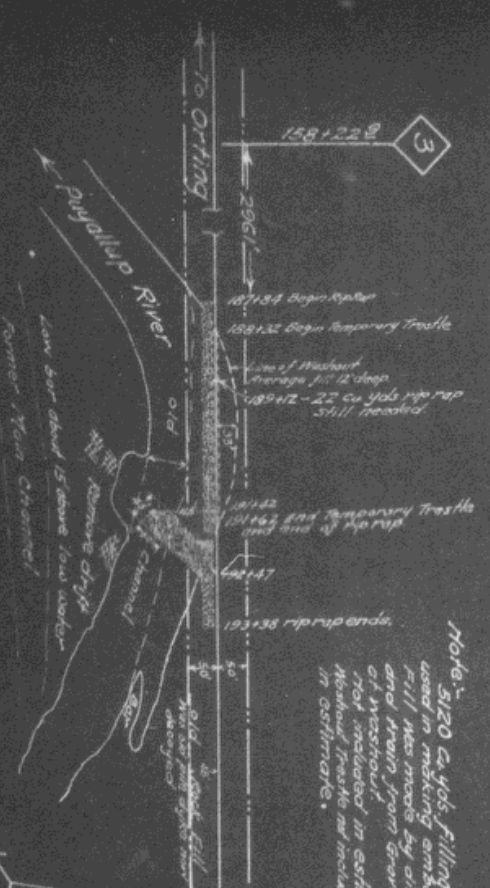
Mech. Supt., Supt. Telgh. or Signal Engr., Chief Engineer, General Manager, Vice President.

Date of Final Approval: 1 26 23 19

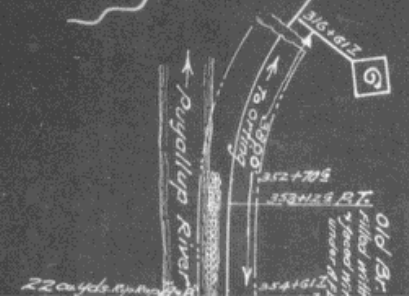
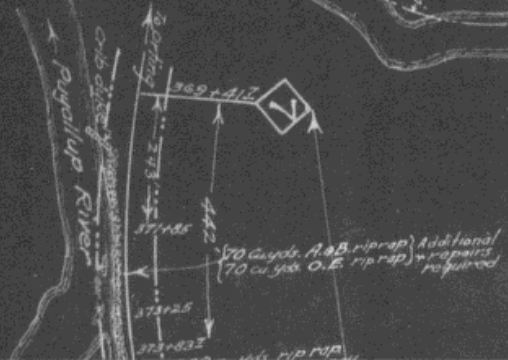
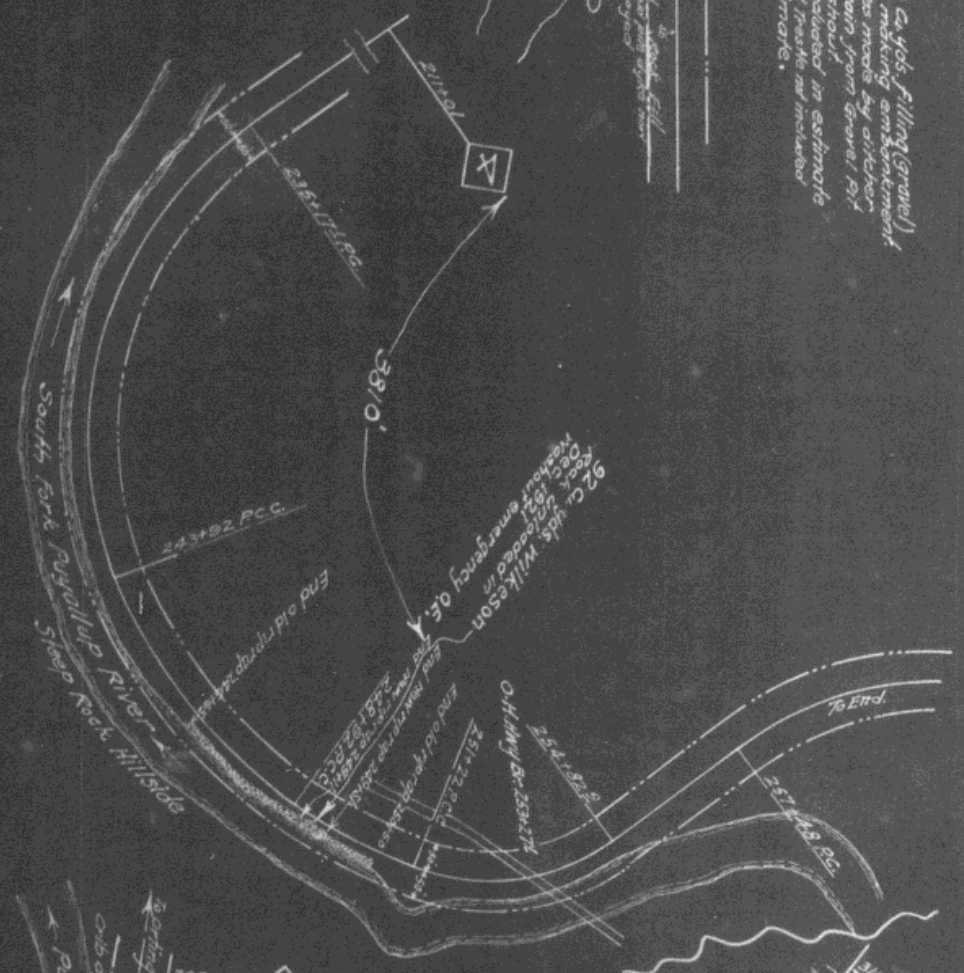
COMPTROLLER'S RECORD OF NOTICE OF APPROVAL AND OF COMPLETION

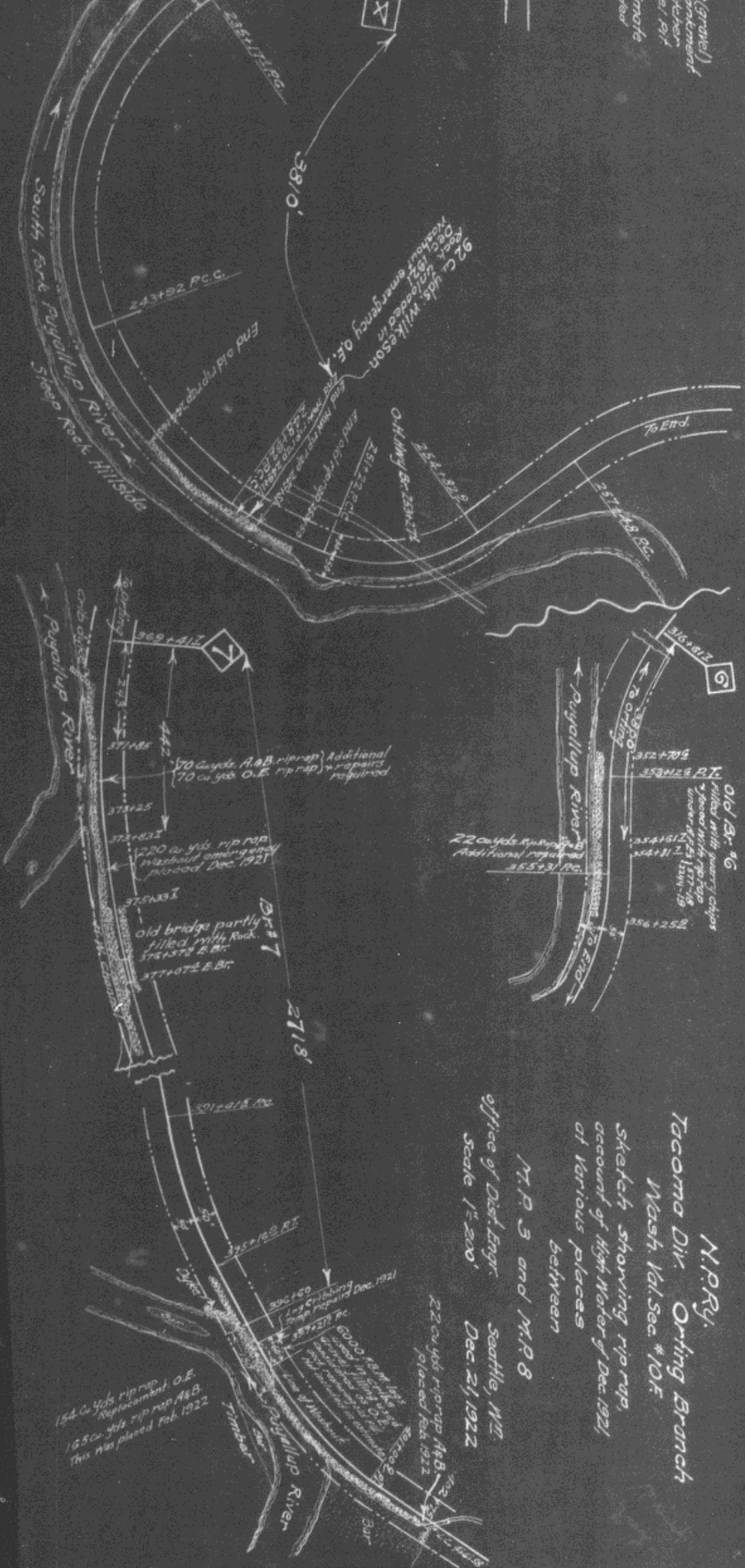
Form No. 1345 issued JAN 26 1923 Work begun 19 Work finished Feb 19 23

Note -  
 Rip rap used in Dyke and Bank protection  
 2387 cu yds rip rap 1/4" to 1/2" placed  
 22 cu yds rip rap 1/4" to 1/2" still needed  
 and 2409 cu yds rip rap of which dyke  
 contains 1299 cu yds.



Note:  
 5120 cu yds filling (gravel)  
 used in making embankment.  
 Fill was made by ditching  
 and then from gravel pit  
 of material not included in estimate.  
 Mowat Trestle not included  
 in estimate.





(Station)  
 Government  
 Station  
 21, 1914  
 note

92 C. yds. Wilkeson  
 Rip rap  
 installed in  
 emergency O.E.  
 End old rip rap  
 243+92 P.C.  
 End new rip rap  
 252+00 P.C.  
 End old rip rap  
 252+00 P.C.  
 Old Hwy Br. 158+24

Additional  
 rip rap  
 70 cu yds. A.B. rip rap  
 70 cu yds. O.E. rip rap  
 220 cu yds. rip rap  
 placed emergency  
 placed Dec. 1921  
 old bridge partly  
 filled with rock  
 575+37 E.Br.  
 577+07 E.Br.

Old Br. #6  
 filled with rip rap  
 placed emergency  
 placed Dec. 1921  
 22 cu yds. rip rap  
 Additional rip rap  
 355+12 P.C.  
 352+70  
 354+55  
 356+25 E.Br.

154 cu yds. rip rap  
 Replacement O.E.  
 575+37 E.Br.  
 This was placed Feb. 1922

22 cu yds. rip rap  
 placed Feb. 1922

N.P.Ry.  
 Tacoma Div. Orting Branch  
 Wash. Val. Sec. #10F  
 Sketch showing rip rap,  
 account of High Water of Dec. 1921,  
 at various places  
 between  
 N.P. 3 and N.P. 8

Office of Dist. Engr.  
 Seattle, W.T.  
 Dec. 21, 1922

Scale 1" = 200'