NORTHERN PACIFIC RAILWAY COMPANY AUTHORITY FOR EXPENDITURE

Teleg. DEPT. No. ENGINEERING DEPT. NO.

A. N. E. NO. a.7.8.mo 1.

Div. Main Line.

DISTRICT STATE

VAL SEC. NO 6-Wash. Wash.

Y IS REQUESTED FOR A NET EXPENDITURE OF \$ 45,621.

distribution as follows: (Distribution to be made in General Office.) Net Operating Operating Expenses 9,041 9,041 Cost of property retired 5 Original Cost Adjustmen. 25,459 Value of salvage ... 543 - 34,500 Made in 4-14 190 incidental costs .. 33,957~ Total to Operating Expenses 5,380 5293 87 Total to Profit and Loss ... TERRESENSE B/C VB. OWRAN 13,393 215 13,178

11,121 10,952 1014 164,394 63380 Added to Join Class of Works No. 13

Mouth Valuation Budget reference: In Budget, Item No. Joint facility contract reference: OWREN - G.N.Ry. July 1909 contracts.

Location: BETTEEN WEST TENINO & KALAMA, WASH.

HEAVY REPAIRS & RECONSTRUCTION OF THE JOINT N.P.-W.U. TELGH.LINE.

This line was last entirely reconstructed in 1912
with class "B" 25-ft. sawn Western Cedar poles for the body of
the line and longer round Western Cedar poles for grading and clearances. The poles were set 41 per mile.

The line carries 29 telegraph and telephone wires on three 10-ft. crossarms which are attached in the first, third and fourth gains. There is also an average of 31 automatic signal wires carried on 10-ft. crossarms attached in the fifth gain.

The arms in the first and third gains are owned jointly by the Northern Pacific and the Western Union; those in the fourth gain are owned jointly by the Northern Pacific and the OWRAN; the signal arms are owned exclusively by the Northern Pacific.

(continued on page 1)

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ED:			and the state of t	General
	General Superintendent.	Asst Chief Engr.	or Engr. Maint,of Way.	
		4.00		
Mech. St	ugt., Suigt. Teligh. or Signal Engr.			M Yuran
4	Chief Engineer.	Miles	Armelle Final	DEC 10 1928
Il tech	For Comptroller,	f name	Producti Approv	

Form No. 1345 Issued ...