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Union Pacific Contractors Begin Work

Both the Union Pacific railroad and Morrison-Knudsen, contractors on the railroad's \$1,500,000 relocation project, are now engaged in actual work on raising the U. P. tracks.

Morrison-Knudsen has opened the rock pit at Viento from whence will come materials for the raising of the tracks from Cascade Locks to The Dalles, and men are engaged in locating a passing track at that point. A camp at Wyeth has been built to house the men who will work that pit and the one at Wyeth. Additional men will be employed next week, when the company will begin the actual work of relocating the track.

At Hood River, engineers say that the Union Pacific is sending a work train here, and that men employed by the company are already relocating the signal system along the line from Cascade Locks to The Dalles. Work has not yet begun on relocating bridges, a job that will also be handled by the railroad company, but that work will soon begin.

The work done by Morrison-Knudsen is under the direction of Superintendent Charles Bonnell and Engineer Richard Thomas. The Union Pacific engineers at Hood River are directed by Engineer William Lowther.

FOR SALE—Pool table, cheap. Inquire, George La Monte, Cascade Locks. 8-8

LOST—Folding checkbook with Driver's license and Stadlerman cherry receipt. Lost Wednesday at carnival. Return to Sun Office. 8-15

Churches

INTERDENOMINATIONAL
LARGER PARISH CHURCH
(W. C. Cronk, S. T. B., Minister)

The unified service at Bonneville next Sunday morning begins at 9:45. The Sunday School at Cascade Locks is at 10:15 a. m. and the morning worship at 11:15. The sermon subject is the second of a series of sermons entitled: "The Spiritual Menu for August." The subject for next Sunday will be "An Unknown Viand."

The unified evening service will be at Cascade Locks at 7:00 p. m. for the young people's meeting followed at once by the sermon. The pastor is beginning a series of sermons on: "The Stringing of the Bow." Sunday night is the second of the series entitled, "You Have to Live With Yourself." All young people are especially invited, also parents are urged to attend.

The Ladies Aid Society meets Thursday afternoon, August 18 at the home of Mrs. Vic. Wigren. All ladies are cordially invited.

9,308 Visit Eagle Creek During July

In checking the register book on the Eagle Creek Picnic Grounds for the month of July, it was found that 9,308 visitors used the picnic grounds. A total of 2,135 visitors hiked up Eagle Creek trail as far as the punch bowl, a distance of 2½ miles.

At all rest benches along the Eagle Creek trail there has been placed a small one-pound coffee can which has been painted bright red. The can is half filled with sand and in it visitors can throw their cigarette butts. The red can itself suggests to the visitors not to throw away burning tobacco.

POWER NETWORK

(Continued From Page One)
Administrator Ross said, the proposed "lifeline" would protect America's electric supply by permitting long distance transmission of direct current through underground cables. Such a system would be safer from aerial attacks in time of war, he pointed out. Subterranean cables of a given size will carry direct current at voltages two and a half to five times higher than alternating current.

Speaking before the Engineers' Club of Seattle, Administrator Ross declared that the power system of the near future must meet a ten-fold increase in the use of electricity. Approximately 50,000,000 additional kilowatts of hydroelectric power can be developed to tie in with steam generating plants to be located in the lignite fields of Dakota and Texas and the coal regions of Pennsylvania and West Virginia.

Present alternating current systems—which are inefficient for transmitting electricity more than 300 miles—would not be replaced by the direct current network. The existing distributing systems would be linked by lines which would carry direct current at 500,000 to 1,000,000 volts. Already huge rectifying tubes (of which ordinary radio tubes are a tiny counterpart) permit transmission of direct current at 100,000 volts. Rapid strides in electrical research will soon make possible the use of much higher voltages, the Bonneville Administrator predicted.

Great economies in marketing electricity could be effected by an interstate direct current system in the opinion of Mr. Ross. At present generating plants must have sufficient capacity to handle peak loads, which occur early in the morning and late in the afternoon when most current is used. The three-hour time difference between the Columbia River region and the East Coast would "space out" the peak loads, instead of having them occur at the same time. Furthermore, low water conditions in one hydroelectric system could be bolstered up by direct current from other watersheds.

Of major significance is the low cost at which energy could be delivered over the projected super-power system. Hydroelectricity from Bonneville Dam on the Columbia is now wholesaled at an annual price of \$14.50 per kilowatt. On an 80% "load factor," it is estimated this current could be transmitted to Chicago for 1½ mills per kilowatt-hour. This would result in a wholesale price of about one-third of a cent per kilowatt-hour for Columbia River power delivered in Chicago. Residents of that city now pay an average retail price ranging from three to six cents per kilowatt-hour.

In his address before the Engineers' Club, Administrator Ross said the proposed direct current system would tend to equalize the cost of electricity throughout the country, reducing rates in regions where coal and waterpower are at present scarce or expensive. Industry could be decentralized and desert regions could be irrigated by electrical pumping. America's electrical needs will expand enormously, the Bonneville chief said, and if private industry does not prepare to meet the shortage in electrical power, the Government must undertake the construction of such a system. An additional supply of Mr. Ross' speech has been printed, and copies are available to editors, scientists and educators interested in the technical aspects of his proposal.

DANCE

Saturday, Aug. 13

at the

DUGOUT

Cascade Locks

in honor of the

Wyeth CCC Boys

Sponsored by Cascade Locks Merchants

Ladies Free

Gents 40c

Bonneville

(By Jean Bradley)

Mr. and Mrs. Bud Hawkins have returned from a short vacation trip. Mr. and Mrs. Ormond Neiss of Portland spent the weekend with the Roger Neisses.

Mr. Wayne Taylor was in Portland over the week-end.

Patsy Haskett of Warrendale is now working at the post office in Bonneville.

Mr. and Mrs. Larry Fisher and son, Tommy, and Mrs. Van Baldwin drove to Portland over the week-end.

Mr. Beigler moved into the Farrington house at Bonny Villa.

Miss Mae Spencer was the guest of Dayton Jones, from Portland.

Mrs. Mae Ousland of Wee Cove is entertaining her sister, Miss Cackie, of British Columbia.

Mrs. Bob Merrill's niece, from Portland, has been visiting her.

Milo Clare has gone to Grand Coulee, working for the construction company.

Mr. and Mrs. Hughes and Mrs. Lee have been visiting Mrs. Mack Bowen of Grand Coulee.

Mr. and Mrs. F. Hammond visited Mr. and Mrs. Robert Rogers, of Bonny Villa, over the week-end.

Mr. and Mrs. F. A. Bradley had as their week-end guests, Mr. and Mrs. Lawrence Jamieson of Portland.

Mrs. John Woffenden spent Tuesday in Portland.

Mr. and Mrs. George Abel spent the week-end with Mr. and Mrs. John Woffenden.

Mr. and Mrs. Clark Bogart spent the week-end in Portland.

Mr. and Mrs. Raymond Slavin and Mr. and Mrs. Fred Ludwig visited Mr. and Mrs. F. A. Bradley, Saturday.

Mr. and Mrs. F. A. Bradley, daughter, Jean, Mrs. Lea Butterfield and Mr. Homer Fish are visiting them for a week.

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