

TILLAMOOK ROAD CUTS SOLID ROCK

Great Engineering Difficulties Overcome in Building Line to Coast.

ONE BRIDGE 167 FEET HIGH

Ten Tunnels in Section of Railroad So Far Completed—Town of Timber Now Is End of Regular Train Service.

TILLAMOOK, Or., July 12.—(Special.)—From Timber, the end of regular train service on the Hillsboro end of the Pacific Railroad & Navigation Company line, to the mouth of the Salmonberry River, where the Nehalem River receives its waters, is the prettiest stretch on the entire line of the new road to Tillamook, and the part of it that has entailed the heaviest construction work as well. This is a 23-mile stretch between mile posts 21 and 24.

From Timber to the Summit, seven miles, the road for most of the way runs high up on the brow of mountains which rise in sloping terraces to the left, while on the right, far below, the Nehalem River, as yet a small stream, follows the road bed. The Nehalem in this vicinity flows eastward along the road bed for six miles. At Timber it leaves the road, and swerves in a wide line gradually westward. Two miles from Timber is Steep Creek bridge, the highest pile bridge in the world. The piles of the bridge are each one piece, and they support the steel at an elevation of 194 feet. Adjacent to the road are millions of feet of fir, tall and arrow-like, ideal for just such purposes. Just after leaving "Headquarters," the main supply camp at mile post 24, is Heidi Creek bridge which, at an elevation of 154 feet, is the second highest on the road.

Summit 1835 Feet High. The summit, the highest point on the road, is reached a mile from Heidi Creek, and is at mile post 25. Here the elevation is 1835 feet. The maximum grade on the road, three per cent, is attained for a quarter of a mile on the side of the summit. It is here that the road first touches the Salmonberry River, which it does not leave from there until it reaches the summit. At Wolf Creek, the climax of mountain loveliness is reached. Here the road penetrates the very heart of the range. Although the mountains are of no phenomenal height, they attain an eminence that is impressive. Wolf Creek, at mile post 29, is four miles from the summit. The stream empties into the Salmonberry River, and where their waters merge, the road turns suddenly southward, following a narrow canyon of Wolf Creek for about three-quarters of a mile, when by means of a high and long frame bridge, it crosses the yawning gorge and again turns abruptly, going north, once more to the edge of the Salmonberry.

Cuts Pierce Solid Rock. In its course up Wolf Creek and back again, the road describes the form of an enormous hairpin. From the valley on one side the opposite track may be seen at a short distance. On this stretch there is a tunnel 344 feet long, the third longest on the road. It is bored through rock so hard and solid that the usual supporting framework on the interior is not necessary. This is also true of four, or a mile beyond, and in a measure of several of the other tunnels.

Deepest Cut 120 Feet. The deepest cut of 120 feet, is encountered just before the big Baldwin Creek bridge is reached. There are cuts through dirt that are still higher, but they are nearer the ends of the road. All the thousands upon thousands of cubic yards of stone taken from them had to be hewn out and removed without the aid of machinery. The rocks usually had to be jarred loose by tremendous charges of dynamite or giant powder. With pick and shovel all the material then had to be piled into little dump carts drawn on a miniature railroad of very narrow gauge, by donkeys, to some big fill or handy dumping place. Of these fills there are also many, and they are as deep as the slopes of the cuts are high.



SCENES ALONG NEW TILLAMOOK RAILROAD LINE.

other camps, through the courtesy of the officers of the road and of the engineers themselves, very hospitably was extended Miller's Camp occupies a pretty spot near the wagon road on the banks of the Salmonberry, a considerable distance below the railroad grade. It is reached from the wagon road, which crosses the railroad and proceeds down a very steep incline, about a mile away, before the railroad touches Wolf Creek Canyon.

Rocky Gorges Cut. The Salmonberry now begins also to cut through rocky gorges. The winding and the twisting of the road still continue. The track through the mountains is never straight. Tunnel "Four" is encountered about one mile from the Wolf-Creek bridge, and from here on come tunnels with bewildering frequency. At one point are three tunnels within one mile, and at another point four, and within the next six-mile stretch are nine of them altogether. Just before reaching tunnel "Four" is encountered about one mile from the Wolf-Creek bridge, and from here on come tunnels with bewildering frequency. At one point are three tunnels within one mile, and at another point four, and within the next six-mile stretch are nine of them altogether. Just before reaching tunnel "Four" is encountered about one mile from the Wolf-Creek bridge, and from here on come tunnels with bewildering frequency.

Waterfall at Tunnel "Seven." The Salmonberry River is paralleled for a mile after it has been crossed for the sixth time, and no tunnels are met with on this stretch. At the full entrance is a pretty waterfall. Tunnel "Seven" is about 450 feet long and tunnel "Eight," a quarter mile away, is about 199 feet long. This tunnel is the second longest on the line, tunnel "Seven" ranking third. Tunnel "Nine" follows tunnel "Eight" in about 300 feet, and that is followed in the same direction by tunnel "Ten."

MAN PUTS HIS UNION FIRST. Renton Miner Talks Back to Court; Changes His Mind. SEATTLE, Wash., July 12.—(Special.)—Thomas Jelliff, a miner of Renton, in Judge A. W. Frater's room in the Superior Court today twice made the assertion that he would obey his union rather than the courts in a strike. When Judge Frater said that he could not admit Jelliff, who was born in England, to citizenship, the applicant said he had changed his mind and would give the courts his preference. But Judge Frater said that he would have to wait until September, anyhow. In the meantime, his case will be investigated.

FIREBUG PLOT ALLEGED. Pendleton Druggist Said to Have Hired Boy to Set Store Afire. PENDELTON, Or., July 12.—(Special.)—J. Harry Wilson, the Ukiah druggist, accused of conspiring to burn his store and goods, had a hearing before the Justice of the Peace yesterday, and was held to await the action of the grand jury under bonds of \$1500. Not being able to raise this sum, he is still in jail. Wilson is charged with offering Roy Connell \$500 to set fire to the building and with having spread the coal oil and made all the arrangements necessary for the burning. Connell weakened and gave the alleged plot away.

POWDER PLANT BLOWS UP. One Killed, Two Hurt in Explosion Near Everett. EVERETT, Wash., July 12.—The Union Powder Company's plant near Marysville, seven miles north of Everett, was destroyed by an explosion last night. Samuel Sutter, of Seattle, an employee, was killed and E. G. Corwin, of Seattle, and a boy named Carl seriously burned. The financial loss was small.

CHAUTAQUA FOLK HEAR HEALTH HINTS

"Breathe Like Babies and Calves—Way Down," Urges Dr. William Sadler.

DERBIES WIN BALL GAME

Portland Team and Oregon City to Play for Big Purse Saturday. Kellogg Leads in Marathon, but Hamlin Has Chance.

CHAUTAQUA GROUNDS, Gladstone, Or., July 12.—(Special.)—The announcement that Miss Sarah Mildred Willmer would read "La Samaritaine" drew one of the largest crowds of the season to the Willamette Valley Chautauqua tonight. Miss Willmer is easily the favorite of all the entertainers that have appeared at the meeting. By defeating Aurora today the Dilworth Derbies, of Portland, took second place in the baseball series, and are within striking distance of the Oregon City team. If the Portland men beat Oregon City Friday, all the teams will be tied for first place. It is settled, however, that these teams will play Saturday for the big purse given by the assembly. Oregon City has played three games and lost none, percentage 1000; Dilworth Derbies have played 2, won 2, percentage 667; Aurora has played 4, won 2, lost 2, percentage 500; Gladstone has played 3 and won 2, and Crystal Springs Park has played 2, won none.

Correct Breathing Urged. Kellogg still leads the marathon, but Hamlin is in a sprint at the end today showed lightning speed and many are picking him as the winner Saturday afternoon. The grueling this afternoon was too much for Ladd Chase and Wilson and they dropped out. Kellogg has made 36 laps, Hamlin, Ambrun and Shaver 25; Hudson 23, Goetz 22, and Hutch 21.

YOUNG CHUM PROVES HERO. Kenneth Morrison, Companion, Also of Elyville, Hurries to Rescue, Goes Down Thrice With Lad, but Fails to Save Him.

OREGON CITY, Or., July 12.—(Special.)—With a motorboat, containing a party from Portland not far away, the steamer Pomona, also from Portland, and numerous small craft within hailing distance, Ralph Burd, 13 years of age, son of William Burd, of Elyville, was drowned today in the Willamette River, after his chum had thrice risked his life in efforts to rescue the lad. Never in the history of Oregon City has anyone been drowned under more peculiar circumstances, and the wonder now is that the boy's life should have been sacrificed.

Kellogg Leads Marathon. "Not one person in a hundred breathes correctly. We should breathe like babies and calves, all the way down. Keep the curve in the back and don't let it straighten out. When resting be sure that the chair permits you to recline slightly and keep a pillow under the hollow of the back."

Good Used Pianos Greatly Reduced. Better come today and see the many bargains in high-grade pianos that are now being offered for a few days only. Dependable and serviceable instruments—some almost good as new—at practically your own prices and terms. These pianos were taken in exchange as part payment on Baby Grands, Eilers De Luxe Player Pianos and Autopianos during our sale of exhibition instruments from the opening stock of our new store.

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Oregon Chair Co. has a reputation for making the Best Chairs of their kind made in the world, and which are handled by all first-class dealers who want to give you honest values for your money. For the Best Chairs, insist on having "King Craft" line from your dealer. If he tries to sell you something else, insist on the Oregon Chair Co.'s line, and if he cannot show you, we will be glad to. We sell to dealers only, but you are welcome to make your choice on our floor at Salesroom, 1190 Macadam Street.

We, as Manufacturers, Stand Behind Our Line

falling from a boom above the saw-mill. The boy was recovered. Another boy fell in at the same time, but was rescued by Tommy Whitehorn, a 14-year-old lad, who was in swimming a short distance above.

Dallas to Make Display. DALLAS, Or., July 12.—(Special.)—The Dallas Commercial Club, acting along the lines laid down at the meeting of delegates from the various commercial clubs of Linn, Lane, Marion, Benton and Polk counties in Albany, has taken up with the County Court the placing a Polk County exhibit at the State Fair. The Court made the club the proposition that if it would gather the exhibit, the Court would put it up and install it at Salem. The Dallas club is now taking the matter up with the Independence, Monmouth and Falls City Commercial Clubs. Polk County has not made an exhibit at the State Fair, financed and backed by the county, since 1905. In 1905, Polk's exhibit carried off so many first prizes that W. H. Downing, president of the State Board of Agriculture, was prompted to remark that Polk County is justly entitled to be called the "Blue Ribbon County" of Oregon.

Sanitary Sewer is Started. HILLSBORO, Or., July 12.—(Special.)—The Kennedy Construction Company, of Portland, put a large force of men to work on the sanitary sewer system today. The company expects to have the system finished in 60 days. Formosa's demand for optimum paste has grown with the general rise of wages.

Corvallis Boy Drowns in River. CORVALLIS, Or., July 12.—(Special.)—Oliver Mumford, the 13-year-old son of Mrs. C. E. Howes, of this city, was drowned in Marys River here today.

Castle Rock Regulates Saloons. CASTLE ROCK, Wash., July 12.—(Special.)—At a recent meeting of the Council, an ordinance to regulate saloons was passed which made many

Good Used Pianos Greatly Reduced

Was \$550. Now \$210.

Was \$425. Now \$165.

Worth \$400. Reduced \$225.

Worth \$300. Reduced \$325.

The following are but a few of the many additional bargain snaps now to be had. Bring this list:

Vose, elegant mahogany, \$215; smaller size, \$135. Kohler & Campbell, \$135. Fischer, \$90. Gibson, \$110. Baldwin, \$170. Decker, \$120. Bradbury, \$155. Gabler, \$135. Behr Bros., nearly new, \$170. Howard, \$90. Brinkerhoff, \$98. Harrington, \$145. Etc., Etc.

The Nation's Largest Dealers.

Cilem MUSIC HOUSE

Now at Seventh and Alder