

Many Bridges of Douglas County Too Light For Heavy Traffic, Roadmaster Finds; Better Repair System Advised

A total of 594 bridges at the present time as against a total of 2,600 bridges in Douglas county in 1919 is shown in the county roadmaster's report released Monday. Of the present bridges, 13 are steel bridges, 1 concrete, 44 covered wooden trusses, 72 cattle passes or stockways and the remainder trestles and A frame trusses.

According to the report the bridges represent a lineal length of 35,714 feet or 6.8 miles. A single bridge of this length would reach from West Roseburg to Melrose or from Roseburg to a mile north of Winchester. In addition to the above bridges the county is maintaining three public docks and six fords. Probably 20 per cent of the above bridges could be filled and culverts installed in their place. Maintenance of these structures means that there is 13.5 miles of handrail and over one mile of timber housing to be kept painted and repaired.

Oldest Span 56 Years Old

The oldest span, states the report, in the county is 56 years of age and is across the Umpqua river at Gazley. This span is being replaced this summer by a steel bridge. The Gazley span timbers were in fair condition, but the motor traffic during the past ten years was more than the bridge was constructed to carry and the deterioration from this cause was rapid since 1925.

"The greatest trouble with the present bridges," states Roadmaster F. C. Frear, "is the light type of construction of a large number of the spans. When they are subject to fast moving motor traffic, the decking becomes loosened and the nails work out of planks and make a definite hazard to motor vehicles. Large numbers of the bridges were constructed for a 5 to 10 ton load which is too low to carry the larger trucks that are reaching into the rural areas.

Upkeep Costs Estimated

"We may expect an average life of 12 years from wooden trestles and decking and an average replacement cost of \$6 per lineal foot, the average amount budgeted for repair and replacement should not be less than \$19,200. Painting of steel bridges and hand rails should be done at least every 3 to 8 years which will require an annual expenditure of about \$4,000.00. The average steel bridge will cost approximately \$100.00 per lineal foot to construct and if left unpainted will become unsafe within 20 years, while if properly painted will last indefinitely. Each bridge should be inspected each year and minor repairs made, such as tightening bolts, and replacing worn decking. This service will not exceed \$5.00 per bridge and will more than pay for itself in the increased life of the bridge. Totalling the above amounts, the annual maintenance charge will approximate \$25,000.00. If this is not made annually the cost will have to be met at some future date, and will probably mean a larger expenditure than if proper care is taken of the structures year by year.

Many Spans Inadequate

"With the increase of motor travel on rural roads, the extension of freight hauling by large trucks and the increase of lumbering in this county, a large number of the existing bridges are too light to carry the present loads. It is recommended that a standard loading be adopted and all replace-

ments be constructed to this standard. This loading should not be less than 15 tons and it is possible that if large lumbering units are established in the county, the loading should be increased to 20 tons. It is further recommended that a uniform width and uniform construction details be adopted.

"It is recommended that material be purchased for standard bridges at least six months prior to its use so that it may be properly seasoned. The interest on the money for such a period is more than offset by the increased value of the timber and the reduction of maintenance costs.

Crosscut Preserves Life

"Most of the timbers in uncovered bridges deteriorate by rot or insects, instead of by wear and traffic. Experience of crosscut timber users indicates that pressure-treated timbers will last 40 years and open tank treatment will increase the life of timber by at least 10 years. Open tank methods can be done for approximately \$5 per M exclusive of the cost of the plant. Should it be the policy of the county to purchase lumber and timber far enough in advance to permit seasoning before use, the crosscutting of all timbers to be used in a bridge would be practicable and an eventual saving in bridge costs. No pressure treatment plants exist in the county and it would be necessary to construct an open type tank plant. Such a plant could be built for approximately \$500.

"Concrete and metal culverts have a greater life than other types and under any fill where the cost of replacement is an item, such types should be used. Under small fills and where there is a contemplated change of alignment, there is ample justification in using wooden type culverts. These structures are less in cost than other types and will give service extending from 5 to 15 years, depending upon the type and quality of material used. It is believed that crosscut timbers will give 20 years' service if properly treated and installed.

Repair System Urged

"The present plan, if it can be called a plan," states Mr. Frear, "is to repair a bridge when it is ready to fall down or after it has fallen down. Luckily so far, the county has had no serious accidents or damage claims from this cause, but this type of maintenance will result in damage actions against the county at some time. It also means moving crews from one end of the county to another instead of proceeding in an orderly manner in one section of the county. During the present summer, one crew moved to the same job three different times due to the lack of material or because it was necessary to move them to a

Drowns Boy, 7



Gordon Bailey

Accused of the drowning of his chum, Richard Hoanahelt, seven, Gordon Bailey, 11, above, of Port Huron, Mich., faced a possible reformatory sentence until he is 21. According to authorities, Gordon admitted taking the younger boy out in a rowboat on money they had stolen from a gasoline station and pushed him into the water during an argument.

bridge that had broken down. It is recommended that repair and replacement jobs be done according to some systematic plan, so that material may be ordered a sufficient time in advance to be ready for the crew and that the costs of moving be reduced.

"With the increased motor travel and the reduction of funds for county purposes," Mr. Frear concluded, "it is realized that methods must be adopted that, over a period of years, will give the county more substantial and larger capacity bridges at a smaller annual cost. During 1935 the bridge budget was \$16,000.00 and the allowance for 1936 was set at \$16,000. This is a reduction of \$19,000 from 1930-32 when the budget was \$45,000. During 1935 the budget was exceeded by \$6,049.93, made necessary by emergency repairs and replacements that could not be deferred. It is estimated that the 1936 expenditures will exceed the budget by at least the same amount. With such a budget it is impossible to maintain the number of bridges that are on the roads and either the budget will be exceeded or the bridges will have to be closed to travel."

SECOND SIMS TALE BEGINS WEDNESDAY

"The World With Fence" Offers Treat to News-Review Readers.

Marian Sims, whose first novel, "Morning Star," appeared last year, has more than fulfilled the high promise it gave with her second, "The World With A Fence," which starts in this paper Wednesday, August 19.

The title is taken from a card enclosed with a gift—"For Carol, who deserves the world with a fence"—from one of the several admirer men disappointed when she leaves the little Georgia town where she has been reared and seeks a greater opportunity in Atlanta.

Marian Sims tells the story of Carol Torrance with rare understanding and sympathy—qualities which likewise distinguished her first book, "Morning Star." The small town girl who sets out on her own has purpose and determination and the author makes her a real character. But Carol's move to the larger city, with its new friends along with the enlarged opportunity, is not without complications.

There is, for example, her discovery that she is in love—followed promptly by the realization that emotions leading into blind alleys are packed with danger. Another woman stands in the way, a woman cold and selfish and determined to keep from Carol the man she loves. Carol has no heart for such a fight—but she knows that to win she must fight and that if she loses, all is lost.

Marian Sims, born in Dalton, Ga., and now living in Charlotte, N. C., has been writing fiction in earnest since 1929 and many of her stories have appeared in the popular magazines. Southern herself, though inheriting something from New England on her mother's side, it is natural that she writes best of the south. One of her ambitions, revealed to her publishers, is to portray southern life in such a way as to show "that swamp dwellers and tenant farmers do not cover the entire canvas, and that none of us wears roses in our hair."

BROLLER TURKEYS COMING TO FRONT

PORTLAND, Aug. 17.—(AP)—Broiler turkeys are rapidly coming to the front in national commerce, market sources said today. A few years ago such offerings were unheard of but now production is such that turkeys are available practically all the year around, either the old or the new crop being available.

Last year was the first time that

broiler or young turkeys entered into national commerce with earload business. This year promises to repeat the performance, but on a larger scale, due to the first introduction proving successful.

This year's early turkey crop is not only better and heavier than ever before but total production in the Pacific northwest is much greater than ever before.

DROWNING VICTIM AT LAKESIDE FOUND

MARSHFIELD, Ore., Aug. 18.—(AP)—Mack Maine, village guard, found the body of Charles Clark, Jr., age 4, drowned after falling off the north Carrier's village pier Sunday afternoon, while at play.

The body was under the boat-house on the pier. A bruise on the boy's face made it appear he had struck either a projection or the dock itself in falling.

The boy's parents operate a hamburger stand on the lake, coming to Lakeside from San Francisco recently. He is a nephew of Capt. Clark of the Reedsport coast guard.

The boy's parents operate a hamburger stand on the lake, coming to Lakeside from San Francisco recently. He is a nephew of Capt. Clark of the Reedsport coast guard.

BAKER GOP FAVORS STATE GROUP PLAN

BAKER, Aug. 18.—(AP)—The Baker county republican central committee, at a meeting here Monday, passed a resolution adopting the state group plan of organization for the 1936 campaign, which was explained by Walter Tooze of Portland, assistant to State Chairman Arthur Priault.

Tooze attacked the Roosevelt new deal as a threat to the present form of government in the United States and criticized Congressman Walter Pierce of LaGrande as "that rubber stamp from Union county, who is in favor of all things to all people when a vote is concerned."

EUGENE, Aug. 17.—(AP)—The University of Oregon loan fund, established 32 years ago by William M. Ladd, A. S. Roberts, and the class of 1904, has reached a total of \$68,692.11, J. O. Lindstrom, university business manager, reported. It showed an increase of almost \$5,000 during the last year.

STATE'S PATIENTS REACH NEW HIGH

SALEM, Aug. 17.—(AP)—Housing space was at a premium at the Oregon state hospital today as the population of the institution reached a new record high of 2,456 patients, as compared to its normal

capacity of 2,100. Dr. R. E. Lee Steiner, superintendent, reported.

Steiner said a new unit to be completed next month would take care of 218 patients, but that "unless the next legislature makes provision for expansion the new unit will be the only addition through the next biennium."

The superintendent declared that before a new budget for next year could be made out, it would

be necessary for him to know what the state planned to do with the increasing number of patients, "whether it plans additions here or at Pendleton or a new institution in Portland."

You're HAPPIER with STANDARD GASOLINE. unsurpassed.

AT STANDARD STATIONS, INC. — AUTHORIZED DISTRIBUTORS — STANDARD OIL DEALERS

TAKE THE TRAIN... FOR SPEED WITH SAFETY

Sample Low Fares

Now you can travel anywhere by train—in safety and comfort—and save money. Here are a few samples:

To	Cash	Tourist Car	Pullman
Dallas, Tex.	58.35	68.90	84.65
Denver, Colo.	48.00	57.25	70.10
Los Angeles, Cal.	29.00	29.00	37.15
Mobile, Ala.	104.20

From ROSEBURG ROUND TRIPS

Chicago, Ill.	St. Paul, Minn.	St. Louis, Mo.	St. Paul, Minn.	Salt Lake City	Utah	San Francisco, Cal.	New York, N. Y.	Washington, D. C.
\$37.35	\$48.80	\$46.00	\$48.00	\$41.35	\$44.80	\$39.35	\$107.20	\$124.40
\$103.55	\$103.55	\$120.75						

*Sleeping car space charge extra.

You can have speed—with safety—when you travel by train. Western railroads have speeded up many train schedules but in the whole year of 1935 not one passenger life was lost in a train accident, while millions were carried in perfect safety. This is a record which western railroads strive day and night to maintain.

What makes this fine record possible? Constant vigilance, ceaseless inspection of roadbeds, rails, signal systems, automatic safety devices, engines and cars. Brakemen, conductors, dispatchers, engineers, firemen, inspectors, maintenance-of-way men, oilers, signalmen, switchmen, telegraphers, Pullman porters—all railroad men keep the first railroad commandment, Safety First.

Train travel offers speed with safety, plus air-conditioned comfort, money saving fares and economy meals, new coach comforts, world's finest sleeping cars, dependability in all weather. Ask the railroad agent about travel or shipping by train.

Shippers: Use new Free pick-up-and-delivery or LCL freight.

Proud of our achievements, we appreciate the public's good will and increased patronage, and pledge continued progress.

WESTERN RAILROADS AND THE PULLMAN COMPANY

Quality... Style... Price... Get All 3 at WARDS

School Days!

MAKE DAUGHTER'S CLOTHES OF...

Tweedloom Crepe 25c YARD

Finest crepe we've offered at 25c. She can have more dresses than usual! And they'll be better dresses, too. FINEST COLOR Fall patterns. Darker colorings. 36 in.

Woven Plaid Suiting, yd. ...25c

COLONIAL PRINTS

The finest percales we've had at this LOW PRICE!

15c yd.

NEW FALL PATTERNS

Better quality than you'd expect at 15c, and worth much more! Fine count—65x72. New darker colorings for Fall — FAST COLOR. 36 inches wide.

The New Patterns Are in!

Pinnacle Prints 17c yd.

Even gayer and more exciting than last spring! Same quality percale; same tubfast colors. Our most popular cotton fabric. 36 in. To sew with the greatest of ease, use Simplicity Patterns.

Comforter Challies

Fall patterns, Beautiful Colors! **15c Yard**

Much finer than usual! Quality. 36 in.

Part Linen Unbleached TOWELING 9c yd.

20% linen makes them much more absorbent. Natural with fast-colored borders. 16 in.

Pic Pon 25c yd.

Fast color Fall patterns. Fall 36 inches wide. Perfect for sports wear.

Wards Fine Weave Unbleached MUSLIN 12c yd.

Close firm weave with a smooth, creamy finish. 80 by 80 thread count makes it strong and serviceable. 39 inches wide and made for service. Bleached Muslin, Wards Finest. 36 in. ... 14c yd.

MONTGOMERY WARD

Phone 95 Roseburg, Oregon 315 N. Jackson St.

Phone 651-J R. R. 2, Box 22C

Charlie Keever
Floor Worker
Hand Scraping—Machine Sanding.
Old Floor Made Like New
Walnut St., Riverside, Roseburg, Ore.

We Do It Right Refrigeration Service

Commercial and Domestic All Makes Repaired and Rebuilt "18 years" experience in refrigeration"
PHONE 744
Refrigeration Sales and Service Corner Mosher & Stephens Sts.

HOTEL L'AREMONT

20 Acres of Park

Enjoy...

... all the benefits of a country estate in town.

Tennis, riding, golf, dancing, quiet nights to insure sound sleep. Excellent meals at moderate family prices. Large outside rooms with bath \$2.00 and \$2.50. Ideal location overlooking Golden Gate, convenient to all Bay cities. Write today for descriptive booklet.

BERKELEY California