

# SELECTING THE PAVEMENT TO USE

The seventh of a series of ten articles upon the paving situation in Oregon

Oregon is in the throes of a good-road campaign. Pleasure riders in automobiles have taken city dwellers over miles of our country roads, and have suddenly awakened the state to the importance that good roads have in the development of a community. This automobile enthusiasm for good roads therefore finds the people of Oregon ready listeners to good-road proposals. At the present time automobile road experts, egged on by the promoters of patent pavements, are trying to get the voters of Oregon to authorizing a bond issue of several million dollars with which to build a system of good roads throughout the state. But unfortunately this good-road scheme is one of the most bizarre and absurd that has ever been proposed in this country. For, while millions of dollars are asked for good roads, no program as to how it shall be expended is given. Oregon needs good roads greatly; probably, owing to our climatic and sub-soil conditions, more than any other state in the Union. But it is as necessary to expend the money wisely as it is to raise it, if the state is to get the right kind of roads. Last year Multnomah County was carried away by

a wave of good-roads enthusiasm, and authorized a \$1,250,000 bond issue with which to build hard-surface roads. But unfortunately no regard was tied to the money in regard to the way that it should be expended. So the result was just what might be expected: The roads cost twice what they should have, for the county authorities paid, as we all know, \$120 per square yard for two-inch bitulithic wearing-surface alone.

You can not expect to get good results by turning large sums of money over to be expended by men who know nothing about roads except what they have learned by talking to paving promoters and by riding over hard-surface pavements in automobiles. To expect to do so is as foolish as it would be to hope to get a Panama Canal built efficiently by turning the enterprise over for direction to men whose main recommendation was their enthusiasm, and their only training the fact that they had ridden thousands of miles on the Erie Canal. Yet that is just the scheme that is being put before the people of Oregon.

Already many millions of dollars

have been spent in this state for hard-surface pavements. Yet in not a single instance has the expenditure been made by a road engineer of experience. Double prices have been paid in the main for these pavements. Yet as the men who have been interested in getting the expenditures indorsed have been either pavement promoters or automobile enthusiasts who have not had the mental acumen necessary to study roads sufficiently to find out what hard-surface pavements really should cost, the people did not learn until recently that they were being worked so wantonly as they have been.

## Road-Drivers Lead Oregon's Good-Road Movement.

The present leaders of the good-roads movement in this state are enthusiastic enough, but they are the type of men that think that they have been endowed by God with a divining gift simply because they have succeeded in one walk of life. So, instead of taking a magic wand to hunt water as does the water-witch, they start out with their automobile to "divine" by passing over them what are really good pavements. The only difference is

that the water-witch's wand quivers when he strikes water, while the good-road diviner's automobile betrays the nonpareil hard-surface pavement by not quivering when it is on good pavement. The type of mind possessed by the two sets of diviners is precisely the same, and the results of their hunches are about on a par. Surely it is about time that the voters of Oregon came out of the spell cast upon them by these automobile testers of good pavement, and displayed some common sense in road matters.

That the present leaders of the good-road movement in this state know practically nothing about good roads is probably best shown by the maintenance bonds that, under their advice, were accepted upon the bitulithic pavements put in last year in Multnomah County. Suddenly switching, when bitulithic was underbid, from the view that the first cost of the pavement was the all-important factor in deciding what pavement should be used, to the stand that the cost of maintenance was the all-important factor, these good-road experts demanded that a maintenance guarantee should also be made upon the pavements. The

bitulithic people had the effrontery to bid 0.0013 cents per square yard per year for keeping their pavement in good condition, when it actually will cost about two cents per square yard as we will show later. If the bitulithic people had thought that the leaders of the good-road movement in Multnomah County knew anything about hard-surface pavement they would never have made any such preposterously low maintenance bid, for they would have known that their bluff would be called. But the self-styled road experts of Multnomah County ran true to form, in that they accepted this bid without a suspicion of its absurdity. For, had they known anything about hard-surface roadways they would have known that the cost of maintaining a hard-surface pavement can be made practically nil for the first five years if desired, and that it is in the second five-year period that the cost of maintaining a pavement mounts rapidly. As it was, they demanded a good security for the first five years, and accepted the Warren Brothers Company, the main asset of which is the bitulithic patents that expire four years from now, as

surety in the maintenance contract for the last five of the ten years that the guarantee is to run. So, even if the county could make the contract, hold to the whole amount of the surety bond put up, the contract would be worth nothing for the second five years if the Warren Brothers Company cares to go bankrupt soon after its bitulithic patents expire. Surely it is about time that some one who knows something about good roads, and the cost of constructing and paving and maintaining them, as well as the tricks of paving promotion, pushed to the front in this good-roads movement, and gained the confidence of the people.

It is the purpose of this particular article to show the reader how the pavement that is used on any road should be selected. For, once that the voters of this state begin to realize the complexity of the engineering problems involved in selecting a pavement that will give the lowest ultimate cost, during its life, for the service that it renders, they will not only demand that experienced road engineers be put in charge of Oregon's road-work.

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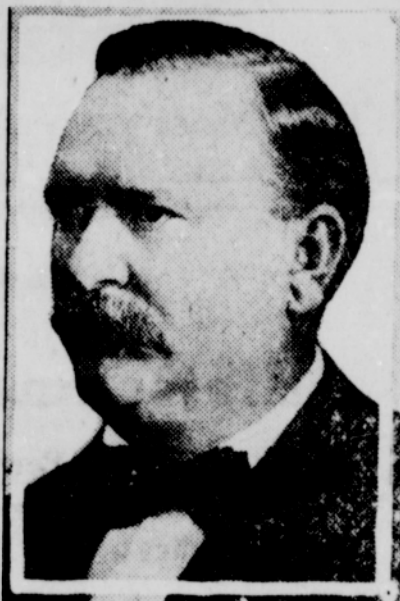
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### LEGISLATIVE CANDIDATES ENDORSED BY ORGANIZED LABOR



RALPH A. WILLISON.

Democrat. Plasterer. Candidate for State Representative.



OSCAR W. HORNE.

Republican. Bricklayer. Candidate for State Representative.



HORACE G. PARSONS.

Republican. Cigar-maker. Candidate for State Representative.



ELMER E. PETTINGELL.

Republican. Musician. Candidate for State Representative.

Every union man in Multnomah County owes it to himself and to these men to see that nothing is left undone that might assist in their election.

They are the candidates selected by Organized Labor and requested by Organized Labor to become candidates for the Legislature. It should be unnecessary for us to use up space to say why the workers should elect repre-

sentatives from their own ranks. The reasons are so numerous and so apparent that all should see at a glance. They are all careful, conservative, conscientious men who thoroughly understand the problems of the workers and who can be depended upon to give a good account of themselves if elected.

See that you vote for them and get your neighbor to do likewise.

### PETERSEN BOOSTERS GETTING RESULTS.

The splendid progress being made by Mark Petersen, Republican candidate for Constable is gratifying to his many friends and supporters.

Mark is a member of the Musicians' Union and also of the Typographical Union and is endorsed for the position of Constable by the Central Labor Council. He is freely spoken of as the best advertised candidate running in the primaries, and this fact is due to the loyal boosters among the working men who have taken up the fight in his behalf.

He has taken a "vacation" from his job as linotype operator at the Marsh Printing Company and is devoting his whole time to his campaign.

In addition to the endorsement of the Central Labor Council, he has been endorsed by the Engineers' Union, Garment Workers, Bookbinders, Musicians, Cement Workers, Moving Picture Operators, Painters, and the Bakers.

He has opened headquarters at 209 Alisky Building and is conducting one of the most complete personal campaigns ever put up by any candidate in the county. His many friends, scattered through the various precincts of the jurisdiction have formed a splendid organization and their work is getting results.

A vote for Petersen is a vote for a worthy working man. His ballot number is 140.

In the mention of Legislative candidates last week we unintentionally omitted the names of B. D. Sigler and C. W. Hodson candidates for state senator from Multnomah County and W. H. Chatten and A. H. Burton for Joint Representative Multnomah and Clackamas Counties.

B. D. Sigler is a real estate agent with offices in the Lewis building. He served as Assessor of Multnomah County prior to the election of the present incumbent.

C. W. Hodson is a business man. Secretary of the firm of Hodson-Feenbaugh Co., contractors' equipment and road building machinery. He is not connected with the print-

ing firm of Irwin-Hodson, having disposed of his interest there about seven years ago.

W. H. Chatten is a business man. Member of the firm of Hicks-Chatten Photo Engraving Co.

A. H. Burton is a school teacher. At present holding the position of Professor of History in Washington High School.

We had Carlton E. Spencer, candidate for State Representative pegged wrong. He is not related to W. D. Fenton, as stated.

Harold V. Newlin, candidate for State Representative says:

"I am firmly convinced that it is not only the right but the duty of labor to organize in order to secure recognition of their rights in the commercial world. Indeed, the only effective way to secure such rights is by organization. Through organization public opinion is enlightened, and it therefore follows, in a democracy, that the just demands of labor must be met."

Portland, Ore., May 10th, 1916. Oregon Labor Press: "I was instructed to notify you that at our last regular meeting, held May 9th, 1916, that the members of Local 28, I. A. T. S. E., unanimously indorsed Dr. Daniel Grant for Coroner in the coming primary election."—W. E. Day, Rec. Secretary, Local No. 28. Editor Labor Press: "We wish to call to your attention the two candidates for County Judgeship. We, the undersigned members and business representatives of Organized Labor, have been closely in touch with the two candidates who are now running for the County Judgeship. We have been personally acquainted with County Judge T. J. Cleaton for the past eight years and have always found it a great pleasure, when it was necessary for us to call on him in behalf of our organizations. He always extended to us the utmost courtesy and we have always received favorable consideration from him at all times and he has proven to us that he was always in hearty accord with our efforts in securing the rights to which organized labor was entitled and we heartily commend him to those in sympathy with Organized Labor and feel sure that Organized

Labor will, in the future, get the same square deal from him as they always have in the past." Signed: B. W. Sleeman, Otto Hartwig, P. R. Pollock, W. L. Sullivan.

### TUCKER OR DAVIS?

The contest for the Republican nomination for Circuit Judge of Department No. 3 has narrowed down to a contest between W. M. (Pike) Davis and Robert Tucker.

Mr. Davis has been endorsed for this position by the Central Labor Council, the Building Trades Council, and several individual organizations and will undoubtedly receive the solid support of organized labor.

It is said that Mr. Tucker is the man chosen by the political manager of the Employers' Association, Thos. McCusker, as the only one of the candidates opposing Mr. Davis who is worthy the support of members of his organization and McCusker is said to be wearing out a great deal of shoe leather in an endeavor to line his people up.

Mr. Tucker was the manager of the Home Telephone Company for about three years and McCusker evidently is thoroughly satisfied that he is "O. K."

Mr. Davis' long and varied experience in the practice of law has fully qualified him to fill the position of Judge. Those of us who know him personally feel no hesitancy in saying that he will, if

elected, be fair and impartial in his dealings with all who may come before him.

The people of Multnomah County will make no mistake if they elect Pike Davis Circuit Judge of Department No. 3.

### BOOST FOR PETERSEN.

Portland, Oregon, May 11th, 1916. To my friends: Having known Mark W. Petersen for about eight years, I have always found him to be true to Organized Labor and labor in general; I found him to be a true union man; a man of a family, having a wife and seven children, six girls and one boy. He is a taxpayer and home owner. "Pete" is a member of Typographical Union, No. 58, also Musicians' Mutual Association, No. 99. A. F. of M., also belongs to different other organizations, and has been a booster at all times. While secretary of the Central Labor Council he kept the records in A-1 condition, and was highly commended by the officers of different locals for the prompt manner in handling communications directly affecting their locals.

A vote for Mark—140 X Petersen, M. W. for Constable, is a vote not to be wasted.

### H. H. LON'

Member of and Financial Secretary Musicians' Union, No. 43; also member of Executive Board of Central Labor Council.

### PROCEEDINGS OF THE CENTRAL COUNCIL

Minutes of regular meeting held Thursday, May 11, 1916. Vice-President Rosen presiding.

Minutes of previous meeting read and approved.

Communications—From Boise Trades and Labor Council; filed and Secretary ordered to reply. From Labor Temple Association; referred to Executive Board. Anonymous, regarding Townsend Creamery Co.; referred to Engineers' Union.

Credentials—From Printing Pressmen, for O. Radke.

Bills—From Leroy Studio, \$3.00;

from Schwab Printing Co., \$37.50. Bills allowed and ordered paid.

Reports of Sections—Brewery Trades, putting cards in near-beer houses, and making progress in Portland Brewery fight. Printing Trades, good.

Reports of Standing Committees—The Executive Board reported as follows:

"Minutes of Executive Board meeting held Thursday evening, May 11. Present, Solhaug, Ritter, MacKenzie and Long. Communication from Congressman Linthicum, regarding dairy products; recommend that same be filed. Recommend the resolution regarding Gerr case, introduced by Civil Service Workers, be non-concurred in. Solhaug, MacKenzie, vote yes; Ritter voted no; Long not voting. No further business the meeting adjourned."—C. M. Rynerson, Acting Secretary.

Motion prevailed that special committee be appointed to investigate subject matter contained in Civil Service Workers' resolution regarding Gerr case. President appointed MacKenzie, Anderson and Irving.

New Business—At this time the rules were suspended and candidates addressed the Council in the following order: A. H. Burton, candidate for Joint Representative from Multnomah and Clackamas Counties; B. R. Perkins, candidate for Delegate to National Republican Convention; W. C. Alderson, candidate for County Superintendent of Public Schools; Chas. B. Moores, candidate for Secretary of State; John C. McCue, candidate for District Attorney, represented by Mr. Hawkins; Mrs. G. S. Buland, candidate for Delegate-at-Large to Republican National Convention.

Upon motion Senator A. B. Cummins was invited to address the Council next Thursday evening.

Good and Welfare—Garment Workers report all members working.

Receipts—Garment Workers, Campaign Fund, \$5.00; Per Capita, \$4.80; Press Assistants, Per Capita, \$2.00; Typographical Union, Per Capita, \$9.00; Bartenders, Per Capita, \$2.35; Plumber, No. 51, Per Capita, \$1.75; Carpenters, No. 226, Campaign Fund, \$10.00; Per Capita, \$9.30; Bridge and Structural Iron Workers, Campaign Fund, \$10.00; Musicians, No. 99, Per Capita, \$12.00.

### TYPOGRAPHICAL UNION

(By D. O. Gallup, Secretary).

Work is more plentiful in the newspapers this week, has dropped off in the linotype shops and is dull in job offices.

B. R. ("Shorty") Utter writes from Omaha, Neb., under date of May 1, 1916: "I have done very well since leaving Portland and am much encouraged over prospects of work this Summer. Omaha newspapers are spending a good deal of money, the World-Herald having moved into its new building and installed a new battery of intertypes, and the Bee has ordered a new battery of multiple-magazine linotypes to replace the old single-letter machines they struggle along with now. Give my very best regards to Guy McGreer, Thomas Quigley, Harry Hall and others of the checker fiends."

In a card dated May 5 Arthur Hansen, who left here about a month ago, says: "Arrived in Philadelphia May 1, stopping over at Pittsburgh on my way from Cincinnati. At the present time I find plenty of work here. Worked on the Public Ledger one night." Mr. Hansen intends taking a course at the Lanston Monotype school.

G. E. Horack, who has been working during the past Winter at the German Publishing Co., left last Monday for San Francisco.

This office has received from the International Typographical Union

### LABOR TEMPLE PICNIC JULY 30.

The Labor Temple Association has completed arrangements to hold their annual picnic at Crystal Lake Park, Sunday, July 30.

The officers of the Association are anxious that the other organizations bear this fact in mind when they are arranging for their picnics.

The Association, last year, held one of the most successful picnics ever pulled off in these parts and they expect to duplicate the performance with some added features this year.

committee on postal telegraph and telephone service, comprising John B. Dickman, Samuel H. Bell and William N. Brockwell, a copy of hearings on postalization of the telegraph and telephone, held at last session of Congress; also a copy of the bill introduced during the present session by Hon. David J. Lewis, of Maryland.

The wife of Harry H. Hurd was taken to a hospital this week for an operation, but returned to her home Wednesday and is reported to be doing well.

E. J. Dwyer, who went south from here in March of last year, and who has been working in various California towns since, returned to Portland this week, and left Thursday night for his home in Olympia. Mr. Dwyer says he may forsake the art preservative and will engage in the dairying business.

### Ladies' Auxiliary Entertainment.

It has been decided by the Ladies' Auxiliary of the Typographical Union to give a dance and card party Monday, May 22, at Manchester Hall, 85½ Fifth Street. This entertainment was originally scheduled for Friday, May 19, but the date has been changed as stated. More extended notice will be given next week. Tickets can be obtained from chairmen of the various chapels, at 25 cents each.

### Typographical Union Nominates.

At the meeting held last Sunday, Multnomah Typographical Union nominated the following candidates for office, the election to be held May 24:

President—Fred DuRette and W. L. Kibbee.

Vice-President—L. E. Whiting. Secretary—Treasurer—G. H. Howell and D. O. Gallup.

Reading Clerk—George E. Willard. Sergeant-at-Arms—J. L. McCown. Doorkeeper—C. E. Laurence. Delegate to I. T. U.—C. P. Howard. Alternate—C. R. Alexander.

Executive Committee—F. G. Thompson, C. R. Alexander, Guy R. Downs, R. P. Coburn, N. L. Casaday, E. R. Botsford, W. H. Hawtin, James Macklin, Arthur Brock, W. F. Otto, J. H. Berry.

Membership Committee—Fred Perry, O. W. Athey, N. H. Toates. Auditing Committee—Lon DeYarmond, F. C. Simmons, Arthur Leslie, C. P. Howard, A. C. Raven.

Reference Committee—A. C. Turner, J. E. McCall, W. H. Hawtin, F. W. Bowen and L. E. Whiting. Delegates to Allied Printing Trades Council—G. H. Howell, F. W. Bowen, D. O. Gallup, W. F. Otto, Arthur Brock.

Delegates to Central Labor Council—L. E. Gotshall, W. L. Kibbee, H. Steele, J. B. Greenway, M. W. Petersen, John Eudey and W. E. Kinsey.

Little difficulty was experienced in getting candidates for all the offices, and in several cases there will be spirited rivalry. The election will be held at room 300 Oregon building, but an amendment to the election law, recently adopted, permits voting in chapels, therefore a very full vote is expected.