ficient, but from Parley's and it, about dou-ble the needed amount can be obtained, within reasonable time, without resort to

ble the needed amount can be obtained, within reasonable time, without resort to storage.

To enter into the distribution system, the waters from any source must be brought in under cover. The present open canal from Parley's Creek, while it will furnish sufficient water, does not reach the city in a condition to be used for other purposes than irrigation. Analyses of the waters of both Parley's and Emigration Creeks show them to be practically as valuable as those from City Oreek for all household and manufacturing purposes.

The plan which we submit for immediate relief, by increasing the supply to the pipe systems, is, in brief, to bring into the city, by pipe or masonry conduit, the natural flow of Emigration Creek, 3,000,000 gallons, and 5,000,000 gallons from Parley's Creek, we also herewith sinhuit estimates of the cost of bringing in the whole amount that can be obtained from these sources with their natural flow,say 13,000,000 gallons, and the entire amount that can be had therefrom. By entire amount we mean that flow which can be depended on during the "dry months" supplemented by the storage in reservoirs; which amount in round numbers is 20,000,000 gallons daily from the two sources.

On the basis of 8,000,000 gallons daily ROUTCES.

cost 208,996

For riveted steel pipes.....
For brick conduit from Parley's to city and pipe from Emigration...
To carry entire available supply, 20.000,000 gallons
Will cost for brick conduit, pipe, etc. 183,140

201.198

ceases to be needed.

The route thus contemplated for bringing the route thus contemplated for bringing the route that the The route thus contemplated for bringing in the increased supply is such that the water will reach the city sufficiently high to enter into the "upper system," which has an elevation of 451 feet above the level of the Liberty Park wells.

The "lower system" is 292 feet above these wells, and any method of pumplag will require, at least, elevation to this latter height.

From quite full returns we find the cost of a 5,000,000 pumping plant and cost of raising the water to be as follows:

Cost of engines, boilers, engine house and stack. For a main, 30-inch diameter, 13,650 feet at \$6.80. \$ 50,000 Total cost of plant..... \$142,140

Pumping to reservoir, 292 feet above wells, 5,0st,000 gallons per day, \$105.
355 days, at \$105, \$35,825 per annum. \$38,325 capitalized at 5 per cent....

Equivalent cost for 500,000,0 0 gallons by gravitation.

Cost of 8,000,000 gallons from Parley's and Emigration creeks to enter city 451 feet above Liberty Park wells by gravitation through conduit.

Cost of 13,000,000 same height and source.

150.487 183,140 Cost of 20,000,0°0 same height and

the "lower system," while the gravity supply enters a little above the npper and can be utilized for either or both systems. No matter what the in reased supply brought to our doors, it will be of no avail unless means for its distribution be had, since the present pipe service is entirely nadequate. With a correctly devised system the present income of the city should be increased four-foldor more in a comparatively short time "this necessitates proper sized mains, especially in the "lower system." The methods for such distribution are now under investigation and as soon are now under investigation and as soon as the requisite data is obtained, the es timates of cost and details of pipe work will be furnished the Council Respect

fully submitted,
A. F. DOREMUS,
M. J. MACK,
C. L. STEVENSON,
Water Commission.

City Engineer Doremus said the water commission was in favor of bringing in the whole of Emigra-

tion Creek, in pipes, at once.

A motion for the engineer to make a permanent survey of the lines for a new system of waterworks, from Emigration Canyon, and report, was carried, and the report of the water commission was laid on the table, pending the engineer's report.

The report of the water commission, in regard to laying an eightinch main on Sixth Street, in addition to the six-inch pipe now there, was discussed. During the proceedings, Mr. Noble, of the committee ou waterworks, declared that not another extension of the water mains could be made till larger mains or a new system of waterworks should be put in.
The council ordered that an eight-

inch main be laid on Sixth Street, to reinforce the six-inch main now there, and to form a part of an additional system for a water supply. The cost is estimated to be \$9000.

The vote was: Ayes—Spafford, Anderson, Noble, Colm, Lynn—5. Noes—Pickard, Heath, Wostenholme, Hall—4. Not voting—Pendleton

The committee on finance reported on Mount & Griffin's request for \$1000, recommending that \$700 be paid, and \$300 be reserved on the price of the carts. Adopted.

The claim of Jas. F. Brim, for sprinkling the east and west drives,

for \$75, was allowed.

Attorney Merritt called attention the faulty printing of the paving bill, and on his suggestion the vote by which it was passed was re-considered, and the corrections made.

The curbing and guttering bill was read the third time and passed. It'provides for a special tax for defraying the expense of the work.

The following appropriations were

Waterworks fund\$5000.00
Census Enumerator's1407.75
Mount and Griffin
Joseph Silver123.00
J. F. Brim75.00

Total \$7,295.75

An ordinance creating Paving District No. 1, was read the third time and passed.

The committee on streets reported that the property owners on Com-mercial street were continually asking that paving be done there, and recommended that it be done forthwith, asphalt to be used, as that was the desire of the property owners. The report was adopted.

The following was presented by Mr. Cohn, and was adopted.

"Resolved that the supervisor of streets is hereby authorized and instructed to grade, under the direction of the city engineer, such portions of First South street, between East Temple street and Sixth East street, as may be necessary to make the said street conform to the established grade thereof, at all places where the street is above the grade of the cement sidewalk now being constructed along the north side of said street, and that the work be done at the earliest possible moment.

The recorder reported having received five sealed bids for the keeper's lodge in the cemetery. The bids were opened, and were found to be as follows.

 Thomas Wilson,
 \$3186

 Jay & Black,
 3925

 Jennings & Morrow,
 3293

 Geo D. Webster,
 3700

 T. K. Lloyd,
 2871

The matter was referred to the committee on cemetery, with the mayor a-sociated, with power to contract with the lowest responsible hidder.

The council thea adjourned for one week.

GROWLS ABOUT GRADING.

WHILE the paving of sldewalks is a public improvement and convenience, the bulk of the benefit is presumed to go to the owners of property abutting upon the pathway treated to a smooth finish. Upon this theory the property holders are subjected to special taxation; otherwise the levy would be unlawful. because unjust. Some of the owners of property protest against the treatment they are receiving at the hands of the City Council in this connection. They complain, and properly too, that in grading for pavement purposes, no attention is being paid to the coutour of the lots with whose frontage the sidewalks run parallel.

This is notably the case with regard to some portions of the eastern section of the cement sidewalk laid along South Temple Street. some instances the grading is of such a character that some of the property owners claim that they would have been better off had the side-walk never been laid, and that they wark never open land, and that they have been taxed for what they deem to be an injury in place of a benefit to their property. If this course continues to be pursued against the wellgrounded protests of interested citizens, the Council will undoubtedly reach a hitching place. Similar complaints are made in reference to

ordinary street grading.

It is perhaps fortunate for other classes of citizens who have strongly objected to the method pursued in the matter of making sidewalks and streets, that some conspicuous "Liberals" are indulging in sonorous growling on the same subject.