

**ARGUMENTS IN FAVOR OF SPENDING \$12,000 ON WATER MAINS**

(Continued from page 1.)

able in case of fire and where per centages of increase are given, there after the total of such increases will be obtained in case of fire only. Although the domestic supply will also be greatly increased, the size of the mains feeding any district are not sufficient to provide the full capacity of all of their branches. With by-draws open, however, and especially with the pump attached, the full capacity of the mains can be obtained at that particular point.

A study of the present distribution system indicates that improvement can be made in all sections of the Village except the southeast. This section is fairly well supplied with water but there are at present numerous dead ends that cannot be eliminated until additional streets are opened through to Adams avenue and the disposition of the Grand Trunk right of way determined. It is therefore proposed that the following installations be made in the sections indicated.

1.—The section lying east of the Grand Trunk R. R. and north of Maple Avenue is in particularly bad condition, in fact this section, especially north of Oakland Avenue, has a much poorer supply of water than any other part of the Village. This section is building up very rapidly and must have immediate relief. This entire district is supplied with water through one 6" connection to Woodward on Oakland, which reaches to 4" at the Grand Trunk tracks, and one 4" connection to E. Maple on Poppleton. All of the mains in this section are 4" except Oakland Avenue which, except for a 4" section between Poppleton and the Grand Trunk is 6" and the main on Kenesaw Avenue is also 6". The majority of the mains are also dead-ended at Adams Avenue.

As the 6" main on Oakland is choked to 4" from Poppleton to the Grand Trunk tracks, it is proposed to replace this section with 6" which will increase the volume obtainable through this main 175%. This will provide more water but will not increase circulation on account of the dead ends. It is therefore also proposed to install a 6" main on Adams Avenue, from Maple to Kenesaw, which will connect to all existing mains on the intersecting streets. This will again increase the volume of supply to the district and also provide a circulation. A circulation is very essential as the water stagnates at the dead ends and becomes unfit for domestic use.

These two items of construction will add over \$3000 to the domestic water now available in this district and will greatly improve the quality. The estimated total cost of installation is \$7699.00.

2.—The entire Quanton Lake section is fed through a 6" main on Maple Avenue, which has only a 4" connection to the 10" main feeder at the pumping station. There is also no circulation in the entire district and to keep the water from stagnating requires the waste of large quantities of water through the by-draws. The balance of the section, the west of Woodward Avenue and north of Maple Avenue gets its main supply from connections to the north end of Woodward Avenue and no account of the distance of these connections from the pumping station, the volume is considerably reduced by friction loss.

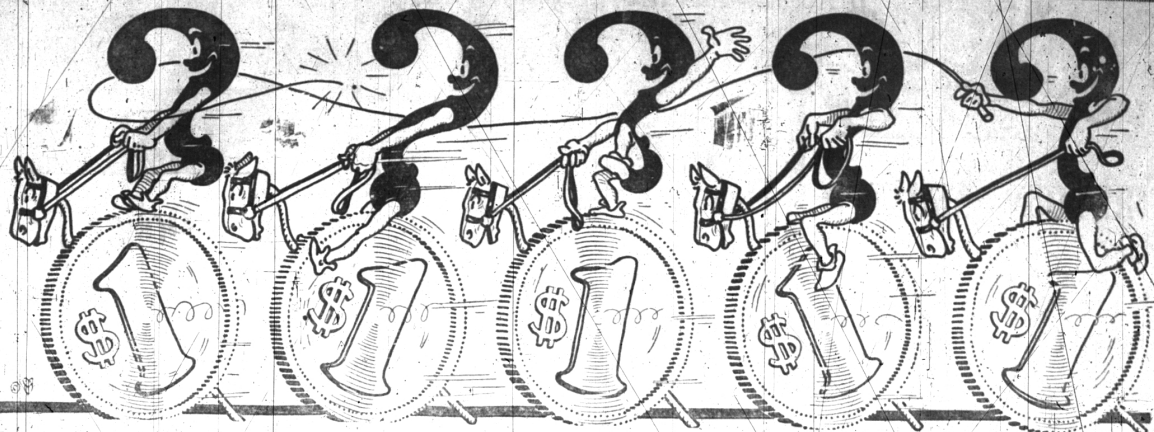
The discharge line from the new well intersects an existing 4" main on Baldwin Avenue and is now connected to this as well as to the 10" main feeder on Maple. It is therefore proposed to replace this 4" main on Baldwin, from Maple to Willett, with a 6" main which will connect direct with the Quanton Lake feeder on Maple and to two 4" mains at the corner of Baldwin and Willett. This will increase the Quanton Lake supply 175% and will add about 25% to the supply in the remaining northwest section. To provide the necessary circulation it is also proposed to extend the existing 6" main on Oak Street from Greenwood to Lakeview, thus eliminating dead ends on Hixwood and Lakeview, and to require the Quanton Lake Co. to extend this line west to Chesterfield Avenue. This will provide a circulation throughout the entire Quanton Lake district and improve the circulation in the balance of the area and at the same time will add 275% to the present supply to the Quanton Lake section and approximately 75 per cent to the balance of the northwest district.

These two items of construction will not only eliminate dead ends and thus improve the quality of the water, but will provide an increase of 450 per cent in the volume of water available to the Quanton Lake district and approximately 100 per cent to the balance of the northwest section. The estimated total cost of these installations is \$3750.00, as the cost of extending the main from Lakeview to Chesterfield will be borne by the Quanton Lake Company.

3.—The southwest quarter of the Village is better supplied with water than any other. The majority of the mains are 6", but recently additional 6" mains have been laid on Chester and Henrietta which will deliver larger volumes of water from Lincoln to the center of the district. The 6" main on Lincoln Avenue is complete with the exception of the two blocks from Bates to Pierce which leaves at the south end of the Henrietta street line dead.

It is therefore proposed to construct this section of 6" main on Lincoln Avenue and connecting to the Henrietta street line. This will materially increase the volume of supply to the entire district, especially to the part lying east of Pierce and south of Brown, where the increase will be approximately 100%. The estimated cost of this installation is \$1450.00.

There are numerous smaller items in connection with the distributing system that require attention, but the income from the operation of the department is now sufficient to take care of all ordinary extensions and improvements. It is not possible, however, to finance the items covered by the foregoing article from the income from operation, nor in the year by general taxation. As these items of construction are urgently required the Commission has decided to ask approval of a bond issue of \$12,000.00 which is the total sum required for construction outlined. As this is a matter of vital importance that will improve conditions for practically all residents of the Village, it is believed that there can be no doubt but that the necessary approval will be given at the election March 5th.



# Our Second Dollar Day March 5th

Below are a few of the many Bargains we are offering. Be sure and visit our new store Dollar Day and let us show you what a dollar will buy

**MEN'S KNIT UNION SUITS**  
Long sleeves ankle length. Ecru shade.  
DOLLAR DAY  
**\$1.00**

**MEN'S KNIT UNION SUITS**  
In white and ecru. Short sleeves, ankle length.  
DOLLAR DAY  
**\$1.00**

**MEN'S LISLE HOSE**  
Men's fine Lisle Hose in Black and Brown. Size 10 to 11½.  
DOLLAR DAY  
**5 Pair for \$1.00**

**MEN'S ATHLETIC UNION SUITS**  
Size 36 to 46.  
DOLLAR DAY  
**\$1.00**

**MEN'S MUSLIN NIGHT SHIRTS**  
60 in. long.  
DOLLAR DAY  
**\$1.00**

**MEN'S BROWN JERSEY GLOVES**  
DOLLAR DAY  
**5 Pair for \$1.00**

**MEN'S 18-in. COTTON HEMSTITCHED HANDKERCHIEFS**  
DOLLAR DAY  
**12 for \$1.00**

**ONE LOT OF BOYS' PANTS**  
Value up to \$1.75.  
DOLLAR DAY  
**\$1.00**

**BOYS' ONE-PIECE PAJAMAS**  
Boys' Outing Flannel Pajamas. Value to \$1.50.  
DOLLAR DAY  
**\$1.00**

**BOYS' HEAVY COTTON HOSE**  
Rollins Brand; In Black and Brown.  
DOLLAR DAY  
**4 Pair for \$1.00**

**KOTEX**  
DOLLAR DAY  
**2 Packages for \$1.00**

**KAYSER'S SILK GLOVES**  
Long and short. Value up to \$2.00.  
DOLLAR DAY  
**\$1.00**

**CHAMOISUEDE GLOVES**  
Value up to \$2.00.  
DOLLAR DAY  
**\$1.00**

**Winston Single Plaid Blanket in all the Pretty Plaids**  
64x76  
DOLLAR DAY

**\$1.00**

Come early as these will not last long

**Bellefair Sheets**

81 x 90 Sheets  
DOLLAR DAY

**\$1.00**

Come early as these will not last long

**Snowy Owl Stitched Bats**

Full quilt size 72 x 90. 3 pounds bleached  
DOLLAR DAY

**\$1.00**

Come early as these will not last long

**LADIES' SILK HOSE**  
Value up to \$1.50.  
DOLLAR DAY  
**\$1.00**

**LADIES' MERCERIZED HOSE**  
In Black, Brown and Gray.  
DOLLAR DAY  
**2 Pair for \$1.00**

**LADIES' UNION SUITS**  
No sleeves; knee length. Value up to \$1.35.  
DOLLAR DAY  
**\$1.00**

**CHILDREN'S FINE RIBBED HOSE**  
In Black, Brown and White.  
DOLLAR DAY  
**4 Pair for \$1.00**

**CHILDREN'S FANCY PINEAPPLE RIBBED HOSE**  
In Black, Lark and White.  
DOLLAR DAY  
**2 Pair for \$1.00**

**CHILDREN'S BLOOMER DRESS**  
Size 2 to 5 years.  
DOLLAR DAY  
**\$1.00**

**8/4 WEAR WELL BLEACHED SHEETING**  
DOLLAR DAY  
**2 yards for \$1.00**

**9/4 WEAR WELL BLEACHED SHEETING**  
DOLLAR DAY  
**2 yards for \$1.00**

**LONSDALE BLEACHED SHEETING**  
This is a very good grade of muslin.  
DOLLAR DAY  
**5 Yards for \$1.00**

**27-in. WHITE OUTING FLANNEL**  
Extra heavy quality.  
DOLLAR DAY  
**5 Yards for \$1.00**

**36-in. WHITE OUTING FLANNEL**  
Extra heavy quality.  
DOLLAR DAY  
**4 yards for \$1.00**

**REAL IRISH CROCHET EDGE**  
DOLLAR DAY  
**12 yards for \$1.00**

**MANCHESTER PERCELES**  
In light and dark patterns.  
DOLLAR DAY  
**5 Yards for \$1.00**

# F. J. Mulholland Co.

New Location 119 N. Woodward Ave.

Birmingham, Mich.