WOMAN'S LITERARY CLUB TO DISCUSS "ENGLISH PAINTING"

The Woman's Literary Club at its next meeting on Tuesday at 2:30 at the community house will hear a discussion of "English Painting" by Mrs. Fred Ross, Mrs. W. D. Clizbe, and Mrs. R. J. Taylor. The painters to be discussed have been dviided into two sections, one dealing with William Hogarth as a painter and as a social sartirist, the other dealing with the work of Sir Joshua Reynolds, Thomas Gainsborough, Sir Henry Raeburn, George Rourney and Sir Thomas Laurence, all great portrait painters of the eighteenth century.

STATE OF MICHIGAN—The Probate Court for the County of Oakland. At a session of said Court, held at the Probate Office in the City of Pontiac, in said County, on the 4th day of December, A. D. 1924.

Present: Hon. Ross Stockwell, Judge of Probate.

In the matter of the Estate of Thomas C. Williams, deceased.

Thomas H. Cobb, executor of said estate, having filed in said court a petition, praying for license to sell at private sale the interest of said estate in certain real estate therein described,

It is Ordered, That the 5th day of January, A. D. 1925, at eight o'clock in the forenoon, at said probate office, be and is hereby appointed for hearing said petition, and that all persons interested in said estate appear before said court, at said time and place, to show cause why a license to sell the interest of said estate in said real estate should not be granted;

It is Further Ordered, That public notice thereof be given by publication of a copy of this order, for three successive weeks previous to said day of hearing, in the Birmingham Eccentric, a newspaper printed and circulated in said county.

ROSS STOCKWELL,
Judge of Probate.

A true copy.
DAN A. McGAFFEY,
Register of Probate. 34--36

Always telephone your "Classified Ad" to the Eccentric before Wednesday night of each week. Our numbers are 11 and 12. adv.28tf.

Have You Appendicitis And Don't Know It?

Much so-called stomach trouble is really chronic appendicitis. This can often be relieved by simple glycerine, buckthorn bark, etc., as mixed in Adlerika. Most medicines act only on lower bowel but Adlerika acts on BOTH upper and lower bowel, and removes all gasses and poisons. Brings out matter you never thought was in your system. Excellent for obstinate constipation. Wilson Drug Co. adv34

AT
ROYAL
THEATRE
Royal Oak
Starting Sunday, December 14
For 6 Big Days
HAROLD LLOYD
IN
Hot Water

A Pathé Picture

also
Will Rogers
as Tom Mix, Rudolph Valentino and Wm. S. Hart in a two-reel comedy.
Special Novelty Reels—Special Music.
Sunday show 2:30 continuous week days two shows, 7 and 9 o'clock.

DELICIOUS HOME-MADE CANDIES
STUFFED DATES and FRUIT ROLL
Christmas Candy in Christmas Boxes
— Order Early —
GREEN PHEASANT GIFT SHOPPE
WEST MAPLE AVENUE

Detailed Scheme Worked Out for Metropolitan Water Plan

The preliminary survey of the Detroit water board engineers on the north Woodward metropolitan water system is herewith presented in full. This has served as a basis for recent negotiations, although some of the lines mentioned are to be held up for construction later.

Areas included—The following data and estimates relate to the North Woodward avenue communities of Ferndale, Pleasant Ridge, Royal Oak, Berkley, Clawson and Birmingham, and such areas contiguous thereto as may later reasonably be expected to become annexed to these communities. The assumed areas of the several towns, say 25 years hence, have been taken as follows:

Ferndale	4¼ sq. mi.
Pleasant Ridge	¾ sq. mi.
Royal Oak	8 sq. mi.
Berkley	5½ sq. mi.
Clawson	4½ sq. mi.
Birmingham, about	4 sq. mi.

Elements in Cost—The three elements affecting cost are (a) elevation above the source, (b) distance from the source and (c) quantity of water to be delivered. As all of the communities, except Birmingham, are sufficiently near the same elevation to make practicable a single source of supply, the element of "elevation" may be eliminated providing Birmingham assumes its own cost of additional boosting.

"Distance" and "quantity of water" or the product of the two becomes then a relative measure of the share of benefit or share of expense that should be borne by each town. If all areas be assumed to use water at the same rate per capita then population is proportional to water consumption and "distance" times "population" becomes the relative measure.

Assumed Populations—The estimates herein presented are based on the following populations for about 1950.

Ferndale	50,000
Pleasant Ridge	10,000
Royal Oak	60,000
Berkley	30,000
Clawson	20,000
Birmingham	24,000
Total	194,000

Plan for Common Supply—Based on an average daily consumption of 150 gallons per capita, and a maximum day of 1.3 times that amount the maximum daily consumption for 156,000 people would be 30,400,000 gallons. This requires a 48-inch main, booster pumping equipment of about 32,000,000 gallons daily and elevated storage to provide for the maximum two hours of about 3,000,000 gallons.

The plan is to provide at Woodward avenue and the Eight-mile road a booster station, lay a 48-inch steel main on Woodward avenue from the Eight-mile road to a distributing point just west of Woodward and North of the Ten-mile road, where elevated tanks will be located.

From this distributing point water will flow to the distributing systems of the several towns through mains to be provided by them, and to the outskirts of Birmingham at which point a main booster station must be provided.

Estimate for Common Supply—A tentative estimate is as follows:

2.4 miles 48" steel main at $170,000	$408,000
Booster Stateion, 32 m. g. d. at $3,300	105,600
Storage, 3 m. g. at $70,000	210,000
Engineering and Contingencies 10 per cent	72,000
Total	$796,000
Or in round figures	$800,000

Of this total a portion may be postponed as follows:

Storage 2 m. g.	$140,000
Booster Station	50,000
Engineering and Contingencies	6,000
Total	$196,000
Say	$200,000
Leaving an immediate balance of	$600,000

Division of Common Costs—If all communities are to provide the mains necessary to carry the water from the central distributing point to their respective systems, then all whose centers lie north of the Ten-mile road may be assumed to be located at the distributing center or to have distance multipliers of 2.4 miles from the Eight-mile road. Those towns south of the Ten-mile road have distance multipliers equal to the distances from the Eight-mile road to their respective centers of distribution. On this basis the division of the cost of the common property may be made as follows:

Town	Population	Distance Multiplier	Quotient	Percent Total	Immediate	Cost Ultimate
Ferndale	50,000	1.0	30,000	9.1	$ 54,600	$ 72,800
Pleasant Ridge	10,000	2.0	14,000	4.25	25,500	34,000
Royal Oak	60,000	2.4	110,400	33.5	201,000	268,000
Berkley	30,000	2.4	67,200	20.4	122,400	163,200
Clawson	20,000	2.0	50,400	15.25	91,500	122,000
Birmingham	24,000	2.4	57,600	17.5	105,000	140,000
Total	194,000		329,600	100.0	$600,000	$800,000

Cost of Complete Systems—To complete the systems two 36-inch mains might go north from the distributing center, one along Woodward avenue as far as the Twelve-mile road and one on Main street through Royal Oak to the Eleven-mile road. The Woodward avenue main might be continued as a 24-inch to Birmingham and the Main street main as a 24-inch to the fork and 16-inch to Clawson, to be later supplemented by an additional 16-inch on Rochester Road.

The Royal Oak-Clawson line is estimated as follows:

1 mile 36" steel at $90,000	$90,000
1 mile 16" C. I. at $65,000	65,000
2½ miles 16" C. I. at $34,000	85,000
Engineering and Contingencies 10 per cent	24,000
Total	$264,000

This total may be divided between Royal Oak and Clawson by charging Clawson with the 16-inch main from the forks north and that portion of the 36-inch and 24-inch mains chargable to 21,000 population of a total of (21,000 plus 48,000) 69,000

Making this division the shares of the two towns would be:

Clawson	$147,000
Royal Oak	117,000

The Berkley and Birmingham line is estimated as follows:

2¼ miles 36" steel at $90,000	$202,500
3 miles 24" C. I. at $65,000	195,000
Engineering and contingencies	39,500
Total	$437,000

The 36-inch line may also give service to a portion (about one-fifth) of Royal Oak between Main street and Woodward avenue, and its cost might therefore be divided between Royal Oak, Berkley and Birmingham in a similar manner to that employed in the case of Clawson and Royal Oak. The total cost has been tentatively divided as follows:

Royal Oak	$ 33,000
Berkley	102,000
Birmingham	302,000
	$437,000

Summary of Costs—The above costs may be summarized as follows:

	Share Common Immediate	Of Investment Ultimate	Independent Investment	Total Ultimate
Ferndale	$ 54,600	$ 72,800		$ 72,800
Pleasant Ridge	25,500	34,800		34,800
Royal Oak	201,000	268,000	$150,000	418,000
Berkley	122,400	163,200	102,000	265,200
Clawson	91,500	122,000	147,000) 85,000)	354,000
Birmingham	105,000	140,000	302,000	442,000
Total	$600,000	$800,000	$686,000	$1,586,000

Separate Supplies—It may be of interest to present approximate estimates of the cost of supplying the several communities from the Detroit system with about the equivalent service each by a separate system. The estimates are as follows:

Ferndale:

1mile 24" C. I. at $65,000	$65,000
½ mile 12" C. I. at $26,000	13,000
Booster Station, 7 m. g. d. at 3,200	22,400
Elevated Storage, 6 m. g.	35,000
Engineering and Contingencies	13,600
	$149,000

Pleasant Ridge:

2 miles 12" C. I. at $26,000	$52,000
Booster Station, 1 m. g.	5,000
Elevated storage 1 m. g.	10,500
Engineering and Contingencies	6,500
	$74,000

Royal Oak:

3½ miles 30" C. I. at $90,000, or 36" steel at $90,000	$315,000
1 mile 24" C. I. at $65,000	65,000
Booster station 11 m. g. d. at $3,400	37,400
Elevated storage 1 m. g.	60,000
Engineering and Contingencies	47,600
	$525,000

Berkley:

4½ miles 24" C. I. at $65,000	$292,500
Booster station 6 m. g. d. at $3,500	21,000
Elevated storage, 5 m. g.	30,000
Engineering and Contingencies	34,500
	$378,000

Clawson:

6 miles 24" C. I. at $65,000	$390,000
Booster station 5 m. g. at $3,500	17,500
Elevated Storage, 4 m. g.	25,200
Engineering and Contingencies	43,300
	$476,000

Birmingham:

8 miles 84" C. I. at $65,000	$520,000
Engineering and Contingencies	52,000
	$572,000

Comparisons—The comparative costs of supplving water to the communities considered by a joint project or separately may be summarized as follows:

	Joint Project	Separately	Saving
Pleasant Rg	$34,000	$74,000	$40,000
Ferndale	72,800	149,000	76,200
Royal Oak	418,000	525,000	107,000
Berkley	265,200	378,000	113,000
Clawson	354,000	476,000	122,000
Birmingham	442,000	572,000	130,000

The above comparisons of cost between a joint and separate supplies from the Detroit distribution system cover construction costs only. No comparisons of pumping costs have been made. Obviously the cost of pumping with separate supplies will be greater than with a joint supply.

Much Driving Hurts Eyes

After a long drive always wash your eyes with simple camphor, witchhazel, hydrastis, etc., as mixed in Lavoptik eye wash. This removes dust and germs and counteracts effects of wind and sun. Stops dryness and burning. Wilson Drug Co. adv34

Entirely Uncalled For

Little Doris, visiting in the country, had been stung by a bee. She didn't seem to mind the pain so much, but the child had a sensitive nature and she felt hurt. Between her sobs she said: "I don't see what he did it for, mamma, I hadn't done a thing to him."—Boston Transcript.

Lois Wilson and J. Warren Kerrigan in a Scene from the Paramount Picture "THE COVERED WAGON"

At Birmingham High School Auditorium, Friday Evening December 19th, at 8:00 o'clock.

Theatres

Next Week's Attractions

At The Baldwin Theatre

Thomas Meighan in a film version of James Oliver Curwoods great novel "The Alaskan" will be shown for the last times the last three days of this week. Vaudeville and other novelties are also on the same bill.

For next Sunday only, December 14th, Viola Dana and a star cast of film favorites will be the main screen attraction in "Along Came Ruth" taken from the well-known stage play of the same name. Five high-class Vaudeville acts will be presented in addition to the above feature.

On Monday, Tuesday and Wednesday, December 15-16-17th, Ernest Torrence star of "The Covered Wagon" and Anna Q. Nilsson will be the featured players in "The Side-Show of Life," taken from the well-known story "The Montebank" by William J. Locke. This is one of the finest Paramount pictures so far released this season and as both stars have a host of admirers here, the picture is sure to draw capacity houses during its entire run. Vaudeville will be an added attraction these three days as will the Pathe News of Current Events.

For the final three days of next week "The Wise Virgin" featuring Patsy Ruth Miller and Matt Moore will be the screen attraction with an unusual program of 5 select Vaudeville acts as an added attraction.

The Rex Ingram production of "Scaramouche" is being announced as a coming attraction to be presented in January.

VIOLA DANA IN ALONG CAME RUTH

At the Badwin Theatre, Royal Oak, Sunday only, December 14

CENSORS LAUD LLOYD

"Hot Water" Found Censor-Proof by Pasadena Board

"If there were more pictures like that, there would be less need for censors." That is what two members of the board of censors of Pasadena informed Harold Lloyd the night he previewed his newest rib-tickler, "Hot Water", which gave the Crown City audience even bigger laughs than they received in "Girl Shy".

"There is absolutely nothing in the picture that we can criticize," one of the censors told Mr. Lloyd. "It is good, clean fun of the highest order, and I think it is the funniest picture we ever have had the privilege of looking at." And in Pasadena they are what might be termed "hard boiled", when it comes to motion pictures.

"Hot Water" coming, Sunday, December 14 for six days to the Royal Oak Theatre, Royal Oak, is in five reels—a little shorter than most of his recent productions—but the laughs are more compast. Jobyna Ralston makes a very pretty young wife, and Josephine Crowell a mother-in-law of the czar type. Charles Stevenson and Mickey McBan are cast as the brothers-in-law. Fred Newmeyer and Sam Taylor directed, with the plot the work of Taylor, Tim Whelan, Thomas J. Gray and John Gray.

FIRST NATIONAL BANK OF BIRMINGHAM, MICH.

NOTICE TO STOCKHOLDERS

Notice is hereby given that the Annual Meeting of the Stockholders of this Association for the purpose of electing Officers, and the transaction of all such other business as may properly come before such meeting will be held, pursuant to the By-Laws of the Association, at the Banking House of the Association, in the Village of Birmingham, Michigan, on

TUESDAY, JANUARY 13, 1925

at 12:00 M., Central Standard Time.

The Polls for the election of officers will be open from 12:00 M. until 2:00 P. M.

ALMERON WHITEHEAD, President.

Birmingham, Mich., Dec. 1, 1924. 34--37

Wall Paper's Effects

Wall paper manufacturers in issuing their aids to housewives and interior decorators have called attention to the wonderful powers of illusion concealed in the design of wall paper. Paper with a small pattern will make the furniture and fixtures of the room look much larger than they actually are, and a large pattern paper will do just the opposite.

TWO TELEPHONE CALLS BRING $24,000 ORDER

When R. J. Marlowe, salesman for a Denver paper concern, heard recently that the president of a California cantaloupe association was in Pueblo, Colorado, he called him on the telephone, only to find he was leaving his hotel to catch a train. Mr. Marlowe was told that he didn't have time to talk as he was just leaving for Phoenix.

When the train arrived at the Phoenix depot the Californian was informed that a telephone call was awaiting him. It was the salesman from Denver. The net result of these two calls was that the salesman sold 30,000,000 cantaloupe wrappers for a price of $24,000.

KIRKE HOAGG EMBARKS FOR PERU CONFERENCE

Kirkie K. Hoagg of Willetts street sailed from New York last week Thursday on board the S.S. Ebro for Lima, Peru, where he will attend the international conference which is being held to discuss the standardization of imports into South American countries. Mr. Hoagg is representing the Society of Automotive Engineers at the conference, which is of great importance to this country as well as to South America. General Pershing is in Lima as the representative of the United States.

Added significance is attached to the gathering as it will help to celebrate the one hundredth anniversary of the independence of Peru, won by the defeat of the Spanish in December, 1824. Mr. Hoagg is expecting to do some work for the engineering firm by which he is employed, and return from Peru about the middle of January.

TRY THE OPERATOR'S WAY OF SAYING THEM

Telephone operators are taught voice technique, but many telephone subscribers keep on calling numbers without giving much thought to the manner in which their words are pronounced. Perhaps some mistakes might be avoided by taking a leaf from the operators' own book of instructions.

The next time central repeats the number you call, you will notice that she makes a slight pause between the hundreds and tens, as, for example, Bryant 4296 which she renders Bryant 42 (pause) 96. Then again in repeating digits, central uses an interesting system of pronunciation which might be copied with satisfactory results. Here is the way she usually does it:

0—to be spoken as "OH"—with a long O.
1—as "WUN"—with a strong N.
2—as "TOO"—with a strong T and a long OO.
3—as "TH-R-R-E-E"—with slightly rolling R and long E.
4—as "FOER"—with long O.
5—as "FIVE"—with long I and strong V.
6—as "SIX"—with a strong X.
7—as "SEV-EN"—with two syllables.
8—as "ATE"—with long A and strong T.
9—as "NIEN"—one syllable, with strong N on the end.

The Western Electric Company manufactures over half the world's telephones.

Cities of Refuge

Six of the forty-eight cities given to the tribe of Levi in the division of Canaan were set aside by the law of Moses as places of refuge for the manslayer or accidental homicide. The names of these cities were Kedesh, Shechem, Hebron (on the west side of Jordan), Bezer, Ramoth-Gilead and Golan (on the east side of Jordan).

Tasty Suggestions For The
Christmas Table
PLACE YOUR ORDERS EARLY

Fard Dates	Glace Cherries	Large Soft Shell Pecans	Fancy Ribbon Mix Candy
Pulled Figs	Glace Pineapple	Jumbo English Walnuts	Ried's Butterscotch
Stuffed Figs	Citeron Peel	Fancy New Mixed Nuts	A Full Line of Christmas Candy
Stuffed Dates	Orange and Lemon Peel	Almonds, Brazils	Fancy Table Raisins
Sugared Dates	Ass't of Glace Fruits	Filberts and Salted Meats	Plum Pudding, Fruit Cake

MINER GROCERY CO.
FRUITS AND NUTS FOR THE HOLIDAYS!
Wholesome Fresh Fruits and a Bowl or Two of Delicious Unshelled or Shelled Nuts should have a Place on Your Christmas Table

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SOME OF THE PURE AND WHOLESOME CANDIES WE HAVE SPECIALLY PREPARED FOR THE PRESENT OCCASION WILL GLADDEN THE YOUNGSTERS

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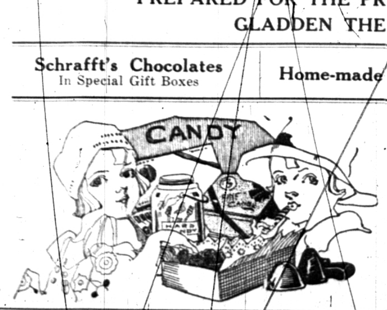

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