

## Proposed City Budget

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ic square multiple recreation center, is presently located at the Wanders School site.

Funds have also been set aside in the proposed budget for expansion of the present park system. Purchase of river valley property is proposed

to retain flood plains along the river branch is entirely separate from the city and at the same time provide nature trails for passive recreation.

THE BULK of the money to satisfy this proposed budget will come from property taxes levied. The estimated revenue from this source is set at \$205,566 in the proposed budget. The second largest amount will come from state taxes returned to the city which is expected to be \$115,300, according to the figures in the proposed budget.

The water and sewer fund budget which is entirely separate from the general fund budget as prepared by the city manager calls for an expenditure of \$143,710 during the fiscal year. This budget is satisfied almost in its entirety from water collection fees. No increase in present water rates is called for even though some improvements are proposed.

Members of the council have until the third Monday in May to complete their review of the budget and make any changes they desire in it before giving their final approval.

It was pointed out by Manager Dinan that copies of the proposed budget would be made available to any interested citizen or group of citizens wishing to make a study of it in more detail.

### Supervisor Named To Home Rule Panel

Farmington Township Supervisor Curtis H. Hall will serve on a panel this month with other governmental leaders to discuss county home rule, proposed under the State's new Constitution. Supervisor Hall is vice chairman of the Oakland County Roads and Bridges Committee.

**INDEPENDENCE GREEN**  
APARTMENT LIVING

104 UNITS READY THIS FALL

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GEORGE A. DUKE JR.

FIRST FEDERAL SAVINGS & LOAN  
MANUFACTURERS NATIONAL BANK

GROUND HAS BEEN BROKEN in the first phase of a 20 million dollar apartment development in Farmington Township at Halstead Road and Grand River Avenue. The Independence Green development is expected to have 104 units ready for occupancy this fall. A golf course, motel, restaurant and shopping center are also planned for the development being built by Thomas A. Duke and George A. Duke, Jr. of Farmington.

## Learn About New Math

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time, Dr. Wells explained. It's just the approach that's different. No more than half a dozen major ideas will be presented in mathematics at the elementary level — the rest of the program is based on the development of skills in using these ideas.

Some of these ideas are in the realm of geometry and algebra. In the past these have not been included in elementary math. "It's high time we presented geometry in the elementary classroom," said Dr. Wells. "Not the theorem approach as taught traditionally at the high school level — but the kind of living geometry in which a student experiments with size and shape."

THE TEACHER'S JOB is no different in the new program, Dr. Wells claims. "Farming-ton cannot change the math program in the classroom by merely changing textbooks," he said. "The teacher has to change too."

Dr. Wells feels that teaching is not merely telling. "Showing how — not telling is what teaching should be in the elementary school," he said. "Learning is not a spectator sport," said Wells. "Children learn best when they are participating. A room where there is no activity or noise is not a good teaching situation."

Wells reiterated his philosophy that a teacher's primary responsibility is to make children successful in learning. "To get children involved in the learning process, they have to see it as useful," he said.

"Learning has to be an enjoyable and profitable experience," the master teacher said. "Children do not learn if they have tuned the teacher out."

DR. WELLS SHARED some of his "pet" ideas with the

assembled teachers: —Arithmetic can not be taught sitting down. The teacher who moves around the room looking over shoulders can help a child at the point he needs help.

—Testing must evaluate concepts as well as skills. —The textbook should not dominate the teaching scene. A teacher should spend at least half the allotted time in good, active discussion asking such questions as "why?" and "how do you know?" and justify your answer.

—Teachers must give up the idea that there is only one way to do things. —Effective teaching cannot be imposed. Dr. Wells summed up, "Effective teaching can only come from within the teacher."

DURING HIS TALK Dr. Wells illustrated his points by using his audience of teachers in the role of pupils. He put them through a fast course of set theories. By the end of the morning session, everyone was convinced by the ease with which he taught basic ideas.

A number of teachers spent their lunch break working sample problems in base 8 or base 12. It was base 2 that seemed to stump them.

Dr. Charles F. Brumfield, professor of mathematics at the University of Michigan and consulting author of the new text series, continued the workshop. His theme was summed in his statement, "Anybody who can count is ready to learn serious mathematics."

Stating that the major problem of instruction is not so much the content of what is taught as the way the material is organized and the child motivated, Dr. Brumfield made a plea that this generation of children be taught more effectively than the generation he represented.

"MOST OF THE mathematics we teach children

should be drawn out of the physical world," he said. "A child should have the look that will enable him to look back and forth from the concept to the physical world he knows. The teacher supplies the tool."

Dr. Brumfield believes that through the manipulation of objects from his physical world, a child can justify and understand the manipulation of symbols.

"You see the concepts and you write down the symbol — once you've chosen a symbol to describe the properties of a set, you can manipulate the symbols."

Dr. Brumfield would give very young children certain early experiences in set theory where they will be dealing with concepts, though not with rational numbers. To him, the dargarten, is a purposeful game — manipulating symbols from his physical world.

IT'S THEN A SHORT step to abstraction in mathematics. Dr. Brumfield told the teachers, "Abstraction is a short cut, not depending so heavily on the physical world."

"There's nothing new, or mysterious about this mathematics. The utilization of principle is what all bright children have done for hundreds of years."

In addition to the two general sessions, teachers met for building staff meetings to discuss the new mathematics curriculum. They also met for grade-level sessions to examine tests and teaching aids.

Committee members worked with Miss Minnie Ziekle, director of elementary education, to plan the workshop. They were: Jack Cleveland, Norman Langen and Donald Hessler. Others were Jeannette Senon, Marjorie J. Finham, Jean Sudlow, Ottilie Butler, Roda Raderman, Henry Rehn, Jr. and Gladys Buell.

They were assisted by Helen Dahlstrom, Dorothy Schwachow, Gene Syverson, Marian Berger and Gilbert Maxwell.

### Easter Vacation For Area Youngsters

The Easter holiday for Farmington and Clarencville youngsters will be from Good Friday, April 16, to Tuesday, April 20, inclusive.

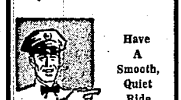
FARMINGTON ELEMENTARY

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- April 19 - 20  
EASTER VACATION
- April 21  
City Chicken  
Rice Pilaf with Cheese  
and Vegetables  
Green Beans  
Bread and Butter  
Fruit  
Milk
- April 22  
Shepherd's Pie  
Celery Sticks  
Hot Roll and Butter  
Applesauce  
Milk
- April 23  
Macaroni and Cheese  
Cold Slaw  
Orange Juice  
Mixed Vegetables  
Bishop Bread and  
Butter
- Dessert Milk

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## Pay Raises

(Continued from Page 1A)

change in the annual increment of \$200; junior from a minimum of \$3800 and a maximum of \$4300 and a maximum of \$4550, a \$200 improvement, with no change in the annual increment of \$200; and hourly janitor, from a minimum of \$1.83 and a maximum of \$2.07 to a minimum of \$1.95 and a maximum of \$2.22.

The transportation staff will receive a ten cent per hour raise with fifteen cents per hour for field trips.

Cafeteria personnel are paid out of the revenue from lunches served to the children. To keep the lunches at the lowest price and to encourage the highest participation in the lunch program, this staff has requested a minimum improvement, 5 cents an hour with the maximum raised to a sixth year.

The increases were unanimously approved.

## Sewer Hearing

### Re-Set for 27th

The Farmington Township Board has postponed the public hearing on the necessity for sanitary sewers in the proposed Grand River Homes District, which includes slightly more than 600 lots north of Grand River Avenue between Middlebelt Road and Tulane Street, most of which are already developed, until Tuesday evening, April 27, at 8 p.m.

Construction of the proposed sewer district is expected to cost an estimated \$135,400. Construction costs would be financed by special assessment sewer bonds with the benefiting property owners paying proportionate shares.

### St. Fabian's Silent Auction April 22nd

A silent auction will be held Thursday evening, April 22, at 8 p.m. in the social hall of St. Fabian's Church, 12 Mile near Orchard Lake Road, sponsored by the Queen of Angels Circle. There will be hundreds of items for all ages displayed for silent paper bidding. Some valuable items will be live auctioned.

## College Plans Told to Twp. Bd.

Representatives from the Oakland Community College appeared before the Farmington Township Board at its regular meeting Monday night, April 12, to explain plans for the recently approved Orchard Ridge Community College which will be built on a 144-acre parcel of property south of the I-696 Expressway between Farmington and Orchard Lake roads in Farmington Township.

A 12 million dollar project expected to get under construction this summer, the two-year Orchard Ridge Community College will have an ultimate enrollment of approximately 4,500 students by the fall of 1967.

THE FIRST PHASE of the project, costing seven million dollars, will provide "tutorial labs" sufficient to handle an estimated 2,000 students by the fall of 1968.

Land use drawings were shown to the Township Board at their Monday night meeting when an ultimate development of seven classrooms or tutorial labs, parking areas adjacent to both Farmington

### Twp. Sets Extra Trash Pick-Ups

The Farmington Township Board again this year authorized two special trash pick-ups to allow Township residents a change in the spring house cleaning. The special dates set by the Board at their regular meeting Monday night, April 12, are for two Saturdays in May (May 8 and May 15).

Bed springs, old stoves and various other items which may be collecting dust in Township homes can be put out for pick-up with other trash on the two dates in May.

(Advertisement)

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ICE CREAM Farmview or Velvet (With \$3.00 Purchase)	1/2 Gal. 39c	ICE CREAM Farmview or Velvet (With \$3.00 Purchase)	1/2 Gal. 39c
MILK Farmington Dairy or Sealtest, Glass Deposit	1/2 Gal. at 29c	MILK Farmington Dairy or Sealtest, Glass Deposit	1/2 Gal. at 29c
JELLO Assorted Flavors, 3 oz. pkgs. (44c Value) SAVE	4 for 29c	JELLO Assorted Flavors, 3 oz. pkgs. (44c Value) SAVE	4 for 29c
FLOUR GOLD MEDAL or PILLSBURY All Purpose With \$3.00 Purchase	5-Lb. bag 39c	FLOUR GOLD MEDAL or PILLSBURY All Purpose With \$3.00 Purchase	5-Lb. bag 39c
COFFEE MAXWELL HOUSE or BEECHNUT, Drip or Reg. (With \$3 Purchase)	1-Lb. 59c	COFFEE MAXWELL HOUSE or BEECHNUT, Drip or Reg. (With \$3 Purchase)	1-Lb. 59c
CAKE MIXES PILLSBURY, Assorted Large Boxes, 40c Values	25c ea.	CAKE MIXES PILLSBURY, Assorted Large Boxes, 40c Values	25c ea.
CARROTS Extra Nice, in Cello Bags	1-Lb. pkg. 10c	CARROTS Extra Nice, in Cello Bags	1-Lb. pkg. 10c
ONIONS Shelled, Cello Pkg.	3-Lb. bag 25c	ONIONS Shelled, Cello Pkg.	3-Lb. bag 25c
TOMATO SOUP Heinz or Campbell's, 10 1/2 oz. can	3 cans for 25c	TOMATO SOUP Heinz or Campbell's, 10 1/2 oz. can	3 cans for 25c
SUGAR Granulated (With \$5.00 Purchase) Present Cost 55c	5-Lb. bag 39c	SUGAR Granulated (With \$5.00 Purchase) Present Cost 55c	5-Lb. bag 39c
7-Seas Dressings 9 oz. Bottles, Assorted	1/2 Price, 20c or 2 for 39c	7-Seas Dressings 9 oz. Bottles, Assorted	1/2 Price, 20c or 2 for 39c

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We Will Freeze Wrap			
FARMINGTON DAIRY'S 1/2 & 1/2 Pint	19c	1/2 PRICE SALE PILLSBURY GRAVY MIXES ALL YOU WANT	2 for 15c
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We Will Cut and Freeze Wrap		We Will Cut and Freeze Wrap	
FRESH Skinned & De-Vined STEER BEEF LIVER	1 lb. 39c	GRADE A CHICKENS Fryers & Roasters Whole or Cut-Up	29c/lb.
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