

# Markham Report Rips Toronto-Centred Plan

(Continued from Page 1) function can be well-served in the alignment of Highway 407 as a 12th-speed, high-volume multi-mode carrier of diverse commodities (including human beings) as permitted by locational and functional criteria. With all utilities and services present, or in close proximity, the transportation corridor will have built-in an exceptionally high quality utility.

"This is a primary requisite of high intensity use and makes low intensity uses most inappropriate. The high capital investment in the corridor area shouldn't be wasted," says the Markham planning staff draft report.

The Markham planning document goes on to deal with the Status Report on the Toronto-Centred Region which was issued August 17 as follows:

"The elaboration of the parkway belt in the Status Report does not alter its position as conceptually and functionally defective. The parkway function should be recognized as distinctively separate from the transportation and communications function of the service or utility corridor and in many respects

incompatible and detracting to reduce the efficiency and effectiveness of both.

"The refinement of the population allocation for the immediate north fringe municipalities (north of Metropolitan Toronto) is not increased above the 200,000 aggregate, although Newmarket-Aurora, Cedarwood and southwest Pickering are added to increase the overall total of 369,000 - 428,000.

**UNSATISFACTORY AND UNREALISTIC**

"For the north fringe municipalities the population allocation is entirely unsatisfactory and unrealistic. The Markham half of the newly-defined North Metro fringe from Yonge Street to Highway 404, Steeles Avenue to Highway 407 (with a population allocation of one-half of the total 90 - 95,000 or 45,000 - 47,000) meets the immediate short-term development proposals.

"But the 20 - 21,000 allocated to Unionville - Markham permits nothing more than present approval and proposed plans," says the draft report.

**ROUGE SEWER VITAL**

"It is obvious that the above population allocation anticipates no major sewerage scheme in the Rouge River drainage area,

but is predicted entirely on Don River drainage and the present limited capacity of upstream plants (which are inadequate). To the Town of Markham a major sewerage scheme in the Rouge watershed is of vital importance and should be initiated immediately by the Government of Ontario, its Water Resources Commission, The Regional Municipality of York and the Town of Markham.

"Without such a scheme, orderly and economical urban expansion in the Toronto-Centred Region is not possible and will reflect in a deteriorating environment caught in the vise of urban sprawl on the outskirts and unbearable congestion and densities of development within Metro," says the draft report.

The Markham planning draft report goes on to deal with the known policy of Metro regarding annexation of adjacent areas, as follows:

"The Metro Corporation has re-affirmed its policy favoring extension of its northerly boundary along the alignment of Highway 407 (proposed near the present alignment of Highway 7). At the same time it now wishes to include the Borough of Pickering in the Metro federation. Pickering's financial viability can be guaranteed by provincial assistance.

"The Metro-attempted justification for expansion by Metro, is growth at an annual rate of 60,000 persons or 1,800,000 population by Year 2000. At a gross density of 10 persons per acre, the annual urbanized land need of Metro is 6,000 acres or 180,000 acres by Year 2000."



(Photo by Barbour)

## Active Men's Club At Emmanuel Anglican

The third Sunday of each month the 20-member Men's Club of Emmanuel Anglican Church enjoy breakfast together and then discuss projects of work around the church.

At the breakfast served December 19, the subject for discussion was the idea of combining with the ACW to plan a social evening for adults of the congregation. In the above picture (left to right) are Ron Baker, David Baker, John Poulet and Rev. George Young as they enjoy the breakfast.

At the November breakfast the men discussed tiling the basement floor, a task they carried out successfully the following week.

## Secondary School For BAIF In 1974

(Continued from Page 1) ities of adding to "the very small Langstaff Secondary School." The addition, he said, could accommodate the overflow from the early phase of BAIF. A new school could be built when they were assured that the students were there.

**NEED ELEMENTARY SCHOOLS**

Superintendent of Planning and Development Stephen Bacsalmasi said other schools would be needed in the development for elementary school pupils. The board might have to go after more than one school in one year and end up bussing students to Aurora. It would be wise, he said, to apply to the Department of Education now.

"It is also very apparent that the Toronto-Centred Region and The Status Report as presented do not meet the urbanizing onto. Nor does the Metropolitan Council's position to extend to Highway 407 and to include Pickering."

**MUST GROW IN ALL DIRECTIONS**

"The only effective solution is to urbanize in all directions, including initiation of a program of urban development to the north by opening at least 60,000 acres by construction of a sewerage system in the Rouge watershed," says the draft report.

"It is also clear that the northerly development obviously must extend beyond proposed Highway 407 and must be fragmented by divided political jurisdictions. The present south boundary of Markham must remain in tact and the municipality must not be divided.

The Regional Municipality of York must forthwith show initiative and assume its statutory responsibilities in respect of all major urban services with the co-operation of the Metro Corporation and the Province to settle an additional 600,000 population by Year 2000."

**MARKHAM PREFERRED AREA**

"Markham now has 10 years of large - scale urban development. It has established good relations and mutual confidence with the development and building industry. It has the largest amount of readily-accessible serviceable and preferred land for urbanization within the Toronto-Centred Region.

"The three documents — The Toronto-Centred Region Plan, The Status Report and the Policy of the Metropolitan Corporation on Regional Planning and Government — should be revised to recognize fully the urgent urban development needs of the Metropolitan Corporation and the Toronto-Centred Region as they relate to the Town of Markham and the south end of the Regional Municipality of York," says the draft report tabled in Markham Council Planning Committee earlier this month.

be bounded by Carrville Road on the south, Highway 404 on the west, Gormley Sideroad on the north. The easterly boundary is slightly to the west of Bathurst Street.

The board agreed to plan for a BAIF Secondary School to be completed in 1974.

**Allege Man, Girl Battled 2 Police**

A 25-year-old Richmond Hill laborer and his 21-year-old Thornhill female factory worker companion faced charges in local court this week after a December 23 midnight incident at a drive-in restaurant to make sure the money would be available if it is needed. "We can if necessary slow down the work."

When the full BAIF development is completed, said Bacsalmasi, there will probably be a need for two secondary schools as well as elementary and Roman Catholic schools. If the development goes ahead as planned, he said, there is no danger of being overbuilt.

Georgina Trustee Mariane Gillan asked if the new Aurora High School would be filled to capacity by 1974. (It is scheduled to open in September 1972). She was assured this is not likely.

**MONEY DECISION NOW**

There are many major unknowns, said Education Director Sam Chapman. He cited the speed of development, the status of the southern boundaries of the Region of York.

It is essential, said Chapman, to confirm capital money from the Department of Education now. If it is not needed, it will not be used. "When these other things are known, we will know what to do at that stage."

Attendance area for BAIF Secondary School would

## School Daze

By JOHN MacRAE

### Mathematics Is A New Language For Children

The teacher says my child seems to have no understanding of the division process. How can I help him? . . .

In my experience with young people I have found that they rarely have difficulty with mathematical concepts; and before parents and teachers stone me from my classroom I'd better qualify that statement. A mathematical concept should only be introduced after the child's experiences are sufficiently broad that the concept is meaningful by virtue of the fact that it can be related to his experiences.

Most kindergarten children know how old they are. Many of them can tell you how old they will be next year and how old they were last year. If you hold three blocks in one hand and six in the other they can tell you which hand holds more. They have the concept of quantity and the concept of more and less and these concepts are what adding and subtracting are all about.

By seven years of age they are familiar with inverse operations or undoing one operation by performing its opposite (tying and untying one's shoe is an example; adding and subtracting is another). Seven-year-olds can also understand the concept of multiplication and division if they discover that one is just a quick way of addition where the addends are the same and the other is a quick way of subtracting where the subtrahend is the same. But there are three major hang-ups:

First — Parents and teachers don't appreciate sometimes that mathematics is a new language for children — a way of communicating with strange words and symbols. Remember the difficulty you had in French with vocabulary?

Second — Many children become frustrated when an adult can't explain "why". As adults we accept conventions because we've learned that in order to make progress there must be agreement in certain areas. If we are to drive safely we must all drive on the right side of the road. We would change to the left tomorrow but there would be chaos unless we all agreed to do so. Why call that a chair? Why does a certain symbol represent a certain quantity?

Lastly, the algorithm — the way you do it with paper and pencil. Here again convention dictates the rules and if a mathematical language is to be meaningful it must communicate. We must all obey the same conventions. When the teacher gives a child an addition drill she usually "conditions" him so that all the answers will appear in the boxes or at the bottom of each column. The answers would be equally correct if the child wrote them on the fleshy part of his forearm but infinitely more difficult to check not to mention correcting or final erasure.

To review, then, division is just equal subtractions. Any seven year old child can find out how many groups of four there are in a pile of poker chips. He just subtracts four at a time and places each group of four in separate piles and then counts the piles — have him do division with real objects. When this is understood the algorithm presents the next challenge. Interpret the symbol the same way everytime (don't confuse him with distinctions between partitive and measurement division at this time). Always write the symbol 6) 12 while saying, "How many 6's in 12?"

Of course the child should have much oral and written practice with simpler examples such as 10's in 40, 20's in 160, etc. Introduce larger numbers and accept any answer and do your multiplying and subtracting to see if you are correct, but always deal with the whole dividend; e.g. How many 24's in 528? 24)528. If the child hesitates — prompt. Do you think there would be 10? Maybe? If you took 24 from 528 ten times you would have 10 x 24 = 240 subtracted from 528 — that would leave 288. Are there more 24's in 288? Ten more? Next, how many groups of 24 are there in 48? Finally, there are 22 groups of 24 each in 528. The algorithm would look like this:

24)528	
240	10
288	
240	10
48	
48	2
0	22

Do not use the method you and I have learned where you "bring down" the next number. There was little understanding in this approach and it had a tendency to cause children to "throw up".

So that children don't forget that mathematics does communicate, put the numbers in a problem. If an elevator can carry 24 people at a time, how many trips will it have to make to carry 528 tourists to the top of the Dominion Centre?

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**DECEMBER 31, FRIDAY** — Annual Richvale Lion's New Year's Eve dance, \$20 per couple, beverages and buffet included, dancing from 9 pm — 2 am. 31 Spruce St. For tickets call 889-7438. c2w26

## PHOTOGRAPHY



by Will  
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**CORRECTION**  
We sincerely regret a proof-reading error in last week's advertisement for the Richmond Inn Motor Hotel included champagne in the program for the Gala New Year's Eve Dance. There will be no champagne. However, balloons, noisemakers, hats and live entertainment will be included at the modest price of \$5 per couple. Reservations should be made now.  
Starting Monday, January 3rd in the Round Table Room (THE CHUG)

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