

SURVEYING METRO

Metric Bench Mark Books

The Central Mapping Division of the Department of Roads and Traffic has completed the printing of sets of Metric Bench Mark Books for Metropolitan Toronto, under the advice of the Metric Surveying and Mapping Committee of Metropolitan Toronto. These are comprised of a set of six separate books, one for each local municipality.

These books were compiled for distribution in the spring of 1976 to be ready to service the Construction Industry in metric units, as bench marks are one of the basic units for engineering design.

The books were designed to incorporate the good points of the existing Municipal Bench Mark Books. Each book is made up of a set of segments covering the complete local municipality. All metric elevations shown in these books are fully compatible with original bench mark information and may be converted to imperial units by dividing by the factor 0.3048. The elevations are shown to .001 m and are accurate to $\pm .01$ m.

Book Introduction

The following is the introduction

in the books and part of the index map.

Bench Marks

The Bench Marks are based on the Canadian Geodetic Datum and are expressed in metres and decimals thereof, (1 foot = 0.3048 metres exact).

There is a series of six books covering Metropolitan Toronto. A separate book has been prepared for each Area Municipality.

The Metropolitan Area has been systematically divided into 175 map sections, each covering approximately a 1¼ mile concession block or section, (see index map). The book is divided into segments, one for each map section in the Municipality. The pages in each segment are numbered sequentially. The initial page in each segment is a map illustrating the bench marks in the section. Each section includes all bench marks to be found along the main arteries on the North and East of the section.

A cross index, by bench mark number, is included, following the index plan. For your own protection always check into an adjacent bench mark before accepting the published value.

From time to time, revisions and additions must be made. A date is given at the top of each page for reference purposes. Updates are mailed automatically, at no charge, to the Area Municipality and to each holder of a complete set of Bench Mark Books. Others may obtain updates upon request, at a nominal sum.

Many of the bench marks have been established on private homes through the cooperation of individual citizens. We ask that all users respect the rights and property of these citizens.

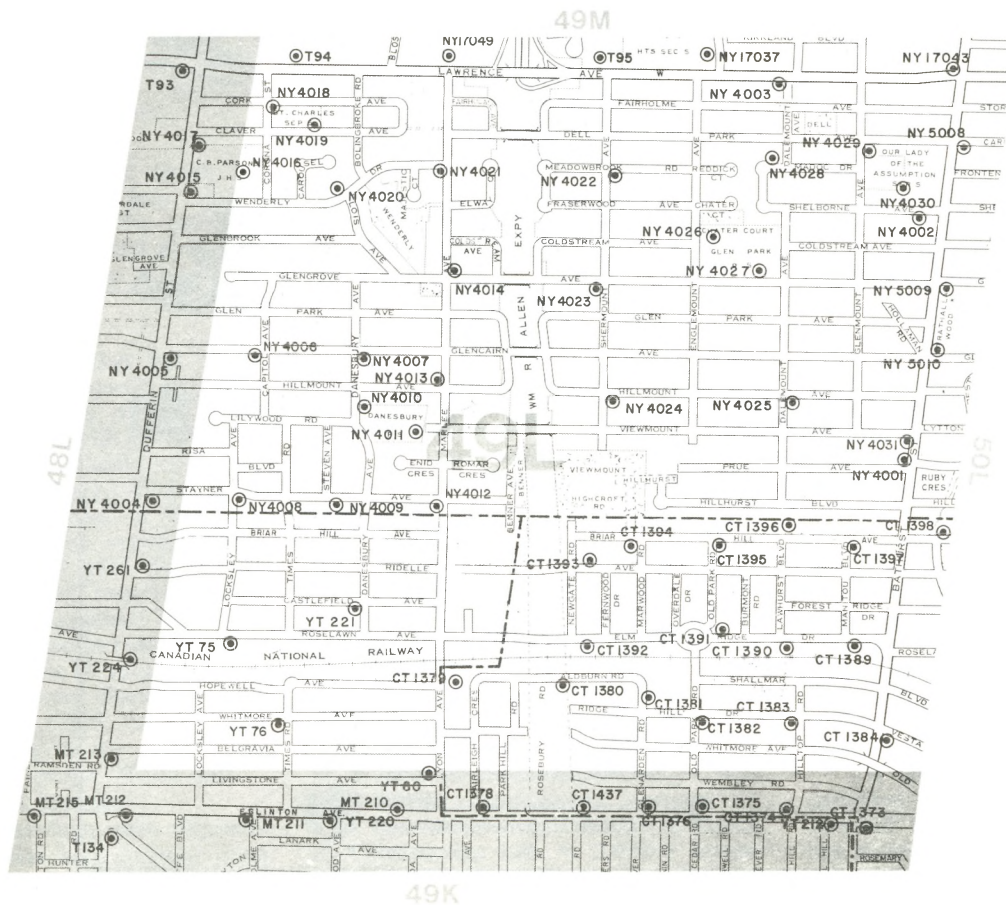
Bench Mark Numbering

Various types of bench marks have been used in the Metropolitan Area. Photographs of the various types are included. All Municipalities now use the "Municipal Bench Mark" with a round post in the centre. The municipal bench marks are numbered in a uniform manner as follows:-

Municipal Initials — Sequential Number

For old bench marks it is necessary to notice the name on the plate and the marker number as there are numerous bench marks with the same number.

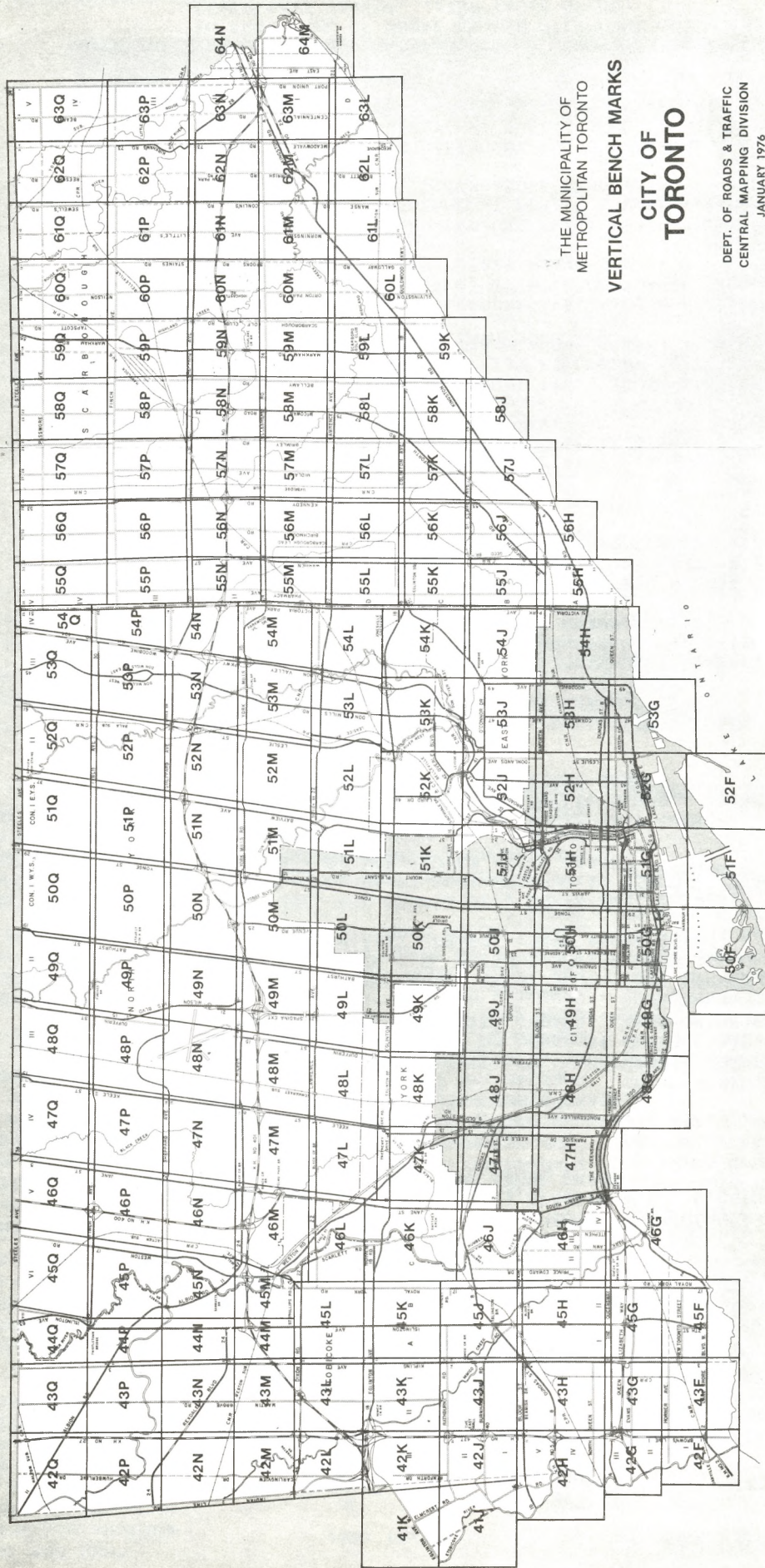
All bench mark numbers are preceded by the initials for the appropriate municipality. Federal Government bench mark numbers are not preceded by initials unless they are stamped on the bench mark.



49L-2

JAN. 14, 76

B.M. NO.	ELEV.METERS	DESCRIPTION
NY 4009	173.759	STAYNER AVE., SOUTH SIDE. IN EAST WALL OF HOUSE AT 65 STAYNER AVE., 1.036M SOUTH OF NORTH-WEST CORNER, .488M ABOVE GRADE.
NY 4010	173.425	DANESBURY AVE., EAST SIDE, SOUTH OF HILLMOUNT RD. IN NORTH WALL OF DANESBURY PUBLIC SCHOOL, .274M EAST OF NORTH-WEST CORNER, .305M ABOVE GRADE.
NY 4011	173.528	DANESBURY AVE., EAST SIDE, SOUTH OF HILLMOUNT RD. IN SOUTH WALL OF DANESBURY PUBLIC SCHOOL, .244M WEST OF SOUTH-EAST CORNER, .396M ABOVE GRADE.
NY 4012	171.326	STAYNER AVE. AND MARLEE AVE., SOUTH-WEST CORNER. IN EAST WALL OF HOUSE AT 29 STAYNER AVE., 6.004M SOUTH OF NORTH-EAST CORNER, .396M ABOVE GRADE.
NY 4013	175.652	HILLMOUNT AVE., NORTH SIDE. IN SOUTH WALL OF HOUSE AT 280 HILLMOUNT AVE., .183M WEST OF SOUTH-EAST CORNER, .274M ABOVE GRADE.
NY 4014	175.968	GLENGROVE AVE. AND MARLEE AVE., NORTH-EAST CORNER. IN CHIMNEY ON WEST SIDE OF HOUSE AT 688 GLENGROVE AVE., 5.578M NORTH OF SOUTH-WEST CORNER, .488M ABOVE GRADE.
NY 4016	178.086	DUFFERIN ST. AND CLAVER AVE., SOUTH-EAST CORNER. IN SOUTH WALL OF C.B. PARSONS JUNIOR HIGH SCHOOL, .183M WEST OF SOUTH-EAST CORNER, .549M ABOVE GRADE.
NY 4018	179.339	CLAVER AVE. AND CORGNA ST., NORTH-EAST CORNER. IN NORTH WALL OF ST. CHARLES PUBLIC SCHOOL, .213M EAST OF NORTH-WEST CORNER, .244M ABOVE GRADE.
NY 4019	180.107	CLAVER AVE. AND CORGNA ST., NORTH-EAST CORNER. IN EAST WALL OF ST. CHARLES PUBLIC SCHOOL, .244M NORTH OF SOUTH-EAST CORNER, .396M ABOVE GRADE.
NY 4020	177.418	WENDERLY DR., NORTH SIDE. IN EAST WALL OF HOUSE AT 74 WENDERLY DR., 1.890M NORTH OF SOUTH-EAST CORNER, .335M ABOVE GRADE.
NY 4021	179.419	MARLEE AVE. AND WENDERLY DR., SOUTH-WEST CORNER. IN EAST WALL OF HOUSE AT 111 WENDERLY DR., .945M SOUTH OF NORTH-EAST CORNER, .366M ABOVE GRADE.
NY 4022	183.652	SHERMOUNT AVE. AND MEADOWBROOK RD., SOUTH-EAST CORNER. IN WEST WALL OF 2-STORY APARTMENT BUILDING AT 21 MEADOWBROOK RD., .122M SOUTH OF NORTH-WEST CORNER, .122M ABOVE GRADE.
NY 4023	183.048	GLENGROVE AVE., SOUTH SIDE. SECOND HOUSE WEST OF SHERMOUNT AVE., IN CHIMNEY ON WEST SIDE OF HOUSE AT 633 GLENGROVE AVE., 5.364M SOUTH OF NORTH-WEST CORNER, .366M ABOVE GRADE.
NY 4024	178.658	HILLMOUNT AVE. AND SHERMOUNT AVE., SOUTH-EAST CORNER. IN WEST WALL OF HOUSE AT 139 HILLMOUNT AVE., .122M NORTH OF SOUTH-WEST CORNER, .183M ABOVE GRADE.
NY 4025	173.178	HILLMOUNT AVE. AND DALEMOUNT AVE., SOUTH-EAST CORNER. IN WEST WALL OF HOUSE AT 67 HILLMOUNT AVE., .945M SOUTH OF NORTH-WEST CORNER, .122M ABOVE GRADE.
NY 4026	180.972	GLENGROVE AVE. AND DALEMOUNT AVE., NORTH-WEST CORNER. IN NORTH WALL OF GLENMOUNT PUBLIC SCHOOL, .640M EAST OF NORTH-WEST CORNER, .183M ABOVE GRADE.
NY 4027	179.988	GLENGROVE AVE. AND DALEMOUNT AVE., NORTH-WEST CORNER. IN EAST WALL OF GLENMOUNT PUBLIC SCHOOL, .213M NORTH OF SOUTH-EAST CORNER, 6.096M SOUTH OF ENTRANCE, .244M ABOVE GRADE.
NY 4028	181.170	DALEMOUNT AVE. AND MADOC DR., NORTH-WEST CORNER. IN EAST WALL OF HOUSE AT 158 DALEMOUNT AVE., .335M NORTH OF SOUTH-EAST CORNER, .213M ABOVE GRADE.



THE MUNICIPALITY OF
METROPOLITAN TORONTO
VERTICAL BENCH MARKS
CITY OF
TORONTO

DEPT. OF ROADS & TRAFFIC
CENTRAL MAPPING DIVISION
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