

A D J U S T E D B E N C H M A R K S
I N N O R F O L K C O U N T Y

A Summary of All Descriptions
and Elevations as of September 1941.

Computed and Compiled
by

MASSACHUSETTS GEODETIC SURVEY
O.P.#165-2-14-884
100 Nashua Street
Boston, Mass.

In cooperation with
FEDERAL WORKS AGENCY
Work Projects Administration
for Massachusetts

Sponsored by
MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS
HERMAN A. MacDONALD - Commissioner
RAYMOND W. COBURN - Chief Engineer
ELMER C. HOUDLETTE - Project Director

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GENERAL STATEMENT

This publication contains the descriptions and elevations of bench marks in Norfolk County, established by the first and second order leveling of the U.S. Coast and Geodetic Survey, the Massachusetts Geodetic Survey and the Massachusetts Department of Public Works. Descriptions of marks originally set by organizations other than those already mentioned are given only in cases where they have been included in the first and second order leveling of the above-mentioned departments.

As of the date of compilation of this publication, September 1941, all available bench mark information in Norfolk County has been included. The descriptive matter has been arranged alphabetically by towns, grouping the marks within each town under one of the following headings:

First Order Bench Marks
Second Order Bench Marks
Second Order Tidal Bench Marks
Second Order Bench Marks at Water Supply Units

The elevation figures of all first order bench marks published herein are given to thousandths of a foot and all of the disk stations have been stamped in the same manner.

The elevation figures of all second order bench marks are given to hundredths of a foot and the disk station will be stamped in a corresponding manner at a later date.

In some cases, descriptions appear which are not accompanied by elevation figures. At a later date, when the elevations of these marks have been determined, a circular will be issued to complete the information.

A set of maps of the towns involved is included at the end of the publication, on which the approximate location of each mark is shown.

INSTRUMENTS AND FIELD METHODS

The first order leveling was accomplished with equipment the same as or similar to that which is used by the U.S. Coast and Geodetic Survey, consisting of a precise level and special rods. This equipment is described in U.S. Coast and Geodetic Survey Special Publication #129 (The Geodetic Level and Rod). The leveling was run in both forward and backward directions, closing within an error of .017 foot $\sqrt{\text{distance}}$ in miles.

The second order leveling, for the most part, was run with 18" Wye levels and Philadelphia rods, the sections of which were run in both forward and backward directions closing within the limits of .04 foot $\sqrt{\text{distance}}$ in miles.

ADJUSTMENTS

The following method has been used to bring the elevations given in this publication into agreement with the datum officially designated by the U.S. Coast and Geodetic Survey as "Sea Level Datum of 1929". The official designation "Sea Level Datum of 1929" refers to the elevations of the 1929 General Adjustment of First Order Level Net of the United States and Canada, in which mean sea level was held fixed, as determined at twenty-six tide stations - five in Canada and twenty-one in the United States. Office computations were carried out in accordance with instructions outlined by the U.S. Coast and Geodetic Survey.

In 1938, a network of first order level lines extended by the Massachusetts Geodetic Survey and the Massachusetts Department of Public Works, which covers the counties of Barnstable, Bristol, Plymouth and Norfolk, was adjusted by the method of least squares, holding as fixed stations, ten first order adjusted bench marks of the U.S. Coast and Geodetic Survey in Boston and on the first order line from Boston to Providence, Rhode Island. Tidal #11 (1932) at Woods Hole (Falmouth) was also held fixed for this adjustment.

In 1940 an adjustment was made, by the method of least squares, of a network of first order level lines located in the south central portion of Massachusetts. The fixed stations of this net are located on the U.S. Coast and Geodetic Survey first order adjusted level lines from Springfield to Boston and Boston to Providence, Rhode Island.

The second order level lines, falling within and adjacent to the lines of these first order nets and the U.S. Coast and Geodetic Survey adjusted lines, were assembled in either nets or straight lines and adjusted to these first order results.

BENCH MARKS

Various kinds of bench marks have been used to indicate the point at which the elevation was determined, such as: disks, chiseled squares, rivets, bolts or just a well-defined point upon a fixed object. Page 4 shows an illustration of the disks used by various organizations. In all cases, the character of the mark at which the elevation was determined is given in the description. The date which appears at the end of each description is the month and year in which the leveling was accomplished.

Engineers and others having occasion to use or visit the marks described in this publication, will greatly assist in the preservation of the records by forwarding to The Director, Massachusetts Geodetic Survey, 100 Nashua Street, Boston, Massachusetts, a report on their condition. Page 3 illustrates a form which is used for this purpose. This form (Recovery of Bench Mark) will be furnished by addressing The Director, Massachusetts Geodetic Survey, 100 Nashua Street, Boston, Massachusetts.

MASSACHUSETTS GEODETIC SURVEY

RECOVERY OF BENCH MARK

R

DESIGNATION OF MARK 52M CITY OR TOWN Medway COUNTY Norfolk

TYPE OF MARK Disk PRESENT CONDITION OF MARK Good

LETTERS OR NUMBERS FOUND STAMPED (NOT CAST IN) THE MARK 52M

Use the following space for reporting upon the thoroughness of the search in case mark was not recovered, or for suggesting needed changes in the published description, together with complete description of mark and its placement, if the mark was recovered. If mark is disk, give name of agency found cast in disk. (Use back of card for sketch).

The mark is a U.S.C. & G.S. and State Survey standard disk.

The following changes and additions are suggested:--
Bound is 36 feet northeast of north corner of house, #12;
61.6 feet southwest of the center of header of catch basin
on north side of street and 21.4 feet south of the center
of Milford Street.

As of this date stamped elevation figures 258.570

DATE July 31, 1940 (SIGNED) H.C. Fuller TITLE Chief of Party
Mass. Geodetic Survey

STANDARD DISKS

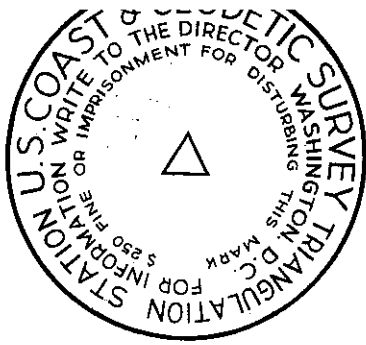
There are various types of bronze disks used by the U.S. Coast and Geodetic Survey, the Massachusetts Geodetic Survey, and the U.S. Geological Survey to mark triangulation stations, traverse stations and bench marks. Those most likely to be encountered in Massachusetts are shown on the adjacent page.

In many cases marks, other than standard disks, have been used to indicate the station, but in all cases the character of the mark is given in the description of the station.

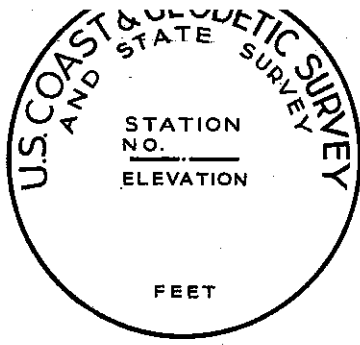
Engineers and others having occasion to use or visit the marks described in this publication, will greatly assist in the preservation of the records by forwarding to The Director, Massachusetts Geodetic Survey, 100 Nashua Street, Boston, Massachusetts, a report on their condition. Forms which are used for this purpose will be furnished upon request.

- A. U.S. Coast & Geodetic Survey triangulation station mark.
- B. U.S. Coast & Geodetic Survey and State Survey station mark.
- C. Massachusetts Department of Public Works triangulation station mark.
- D. U.S. Coast & Geodetic Survey reference mark.
- E. U.S. Coast & Geodetic Survey azimuth mark.
- F. Massachusetts Department of Public Works reference mark.
- G. U.S. Coast & Geodetic Survey bench mark.
- H. Massachusetts Department of Public Works bench mark.
- I. U.S. Coast & Geodetic Survey tidal bench mark.
- J. U.S. Coast & Geodetic Survey magnetic station mark.
- K. U.S. Geological Survey station mark.
- L. Massachusetts Department of Public Works traverse station mark.

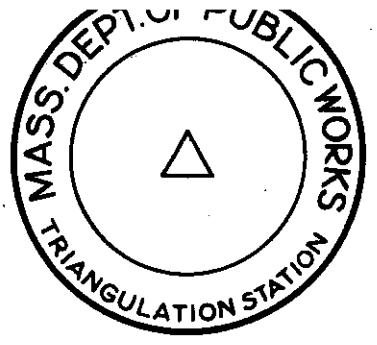
Marks bearing "Massachusetts Department of Public Works" and "U.S. Coast & Geodetic Survey and State Survey" are the official marks of the Massachusetts Geodetic Survey.



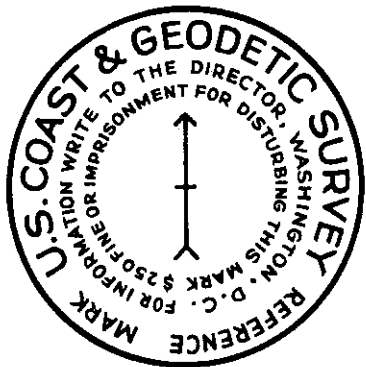
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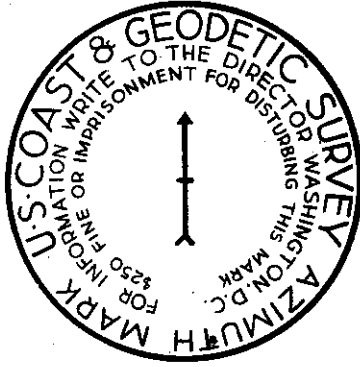
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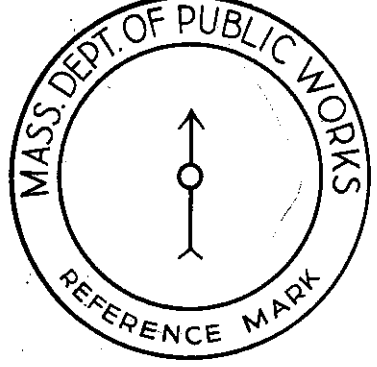
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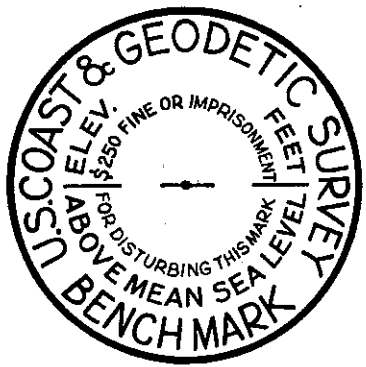
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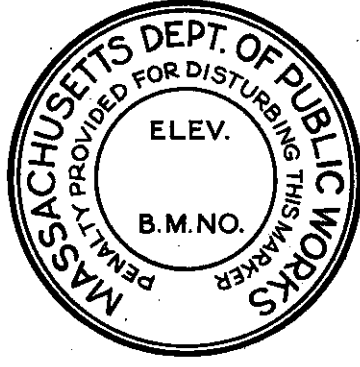
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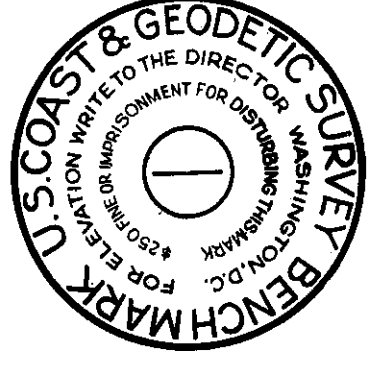
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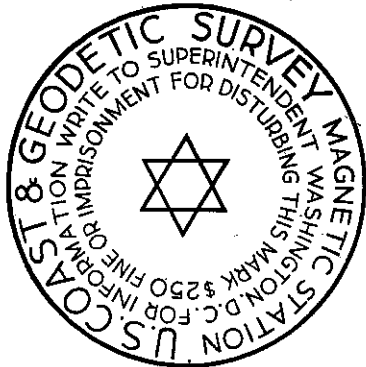
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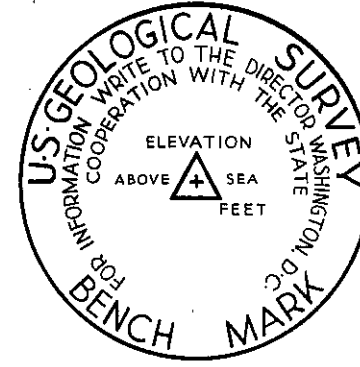
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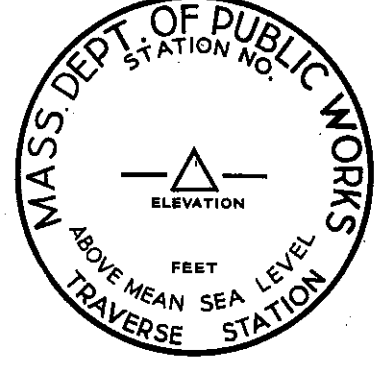
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J



K



L

STANDARD DISKS

NORFOLK COUNTY

AVON

(There are no First Order Bench Marks)

Second Order Bench Marks

57P 144.56 feet
 At Avon station of the N.Y., N.H. & H. R.R. (Boston Division), in northwest angle of intersection of East Street and railroad; 19.8 feet east of pole #5-1; 4.8 feet east and nearly on line with the south side of crossing tender's shanty; 8.5 feet west of west rail and 39.1 feet west of a pole on the northeast corner of crossing. A U.S.C. & G.S. and State Survey standard disk, stamped "57P", set in a concrete monument, 4 inches below the ground. July 1935.

57Q 135.00 feet
 South of Avon station; about 1500 feet on the west side of the N.Y., N.H. & H. R.R. (Boston Division); 17 feet west of west rail, on the north side of cart path grade crossing, which is a continuation of East Street and 6.6 feet north of center line. A U.S.C. & G.S. and State Survey standard disk, stamped "57Q", set in a concrete monument, flush with the ground, near the bottom of a 4-foot embankment. July 1935.

57V 227.58 feet
 In the northwestern part of town, on the N.Y., N.H. & H. R.R. (Braintree-Taunton Branch), between the rails of the east spur track; about 336 feet south of the center line of the Page Street grade crossing; 104 feet north of the bumper at the end of the track; 3.1 feet east of the west rail; 98.4 feet southwest of the second pole south of Page Street and 33.2 feet northwest of third telegraph pole. A U.S.C. & G.S. and State Survey standard disk, stamped "57V", set in a concrete monument flush with the ground. August 1935.

*105C feet
 In the southern part of town, on the Brockton line; 775 feet east of center line of West Drive in Field Park; 1922 feet west from center line of East Drive; 14 feet southeast from a 4-inch oak tree; 17.4 feet northeast of a 4-inch oak tree and 23.3 feet west from a 5-inch oak tree. A Mass. Dept. of Public Works standard traverse disk, stamped "105C", set in a ledge outcrop, the top of which is level with the ground.

*105D
 In the southern part of town, on the Brockton line; 240 feet west of center line of West Drive in Field Park; 6.5 feet south from a 12-inch pine tree; 21.5 feet southwest from a 14-inch pine tree and 63.5 feet west from a 14-inch pine tree. A Mass. Dept. of Public Works standard traverse disk, stamped "105D", set in a large boulder, the

*The elevation of this mark has not been determined.

AVON Second Order Bench Marks (Continued)

top of which is 8 feet above the level of the ground.

T.B.M. #255 147.29 feet
At Avon station, of the N.Y., H. & H. R.R. (Boston Division). A chisel cut in the southeast corner of the stone window sill of the most southerly window on the east side of the station. July 1935.

T.B.M. #266 230.06 feet
In the northwestern part of Avon, on the Braintree Highlands of the N.Y., H. & H. R.R. (Stoughton Junction Branch); 119 feet southwest of the center of Page Street and 15.9 feet southeast of the southeast rail of spur tracks. A copper bolt, on a shelf, about half way up a ledge outcrop. March 1931.

T.B.M. #2370 214.36 feet
In the southern part of town; 33.8 feet west of center line of West Main Street, in a vacant lot; about 177 feet north of center line of South Street; 45.4 feet northwest of stone wall bordering land of house, #533 and 75 feet south of center line of south driveway of house, #533. A chiseled square, on a ledge outcrop, about 4.2 feet above level of street. October 1935.

T.B.M. #2371 220.61 feet
In the center of the town, at the northeast corner of Pond and Page Streets, opposite house, #36 Pond Street; 33.4 feet north of center line of Pond Street; 10.3 feet northwest from a 24-inch tree and 24 feet southeast from an 18-inch tree. A chiseled square, on the south boulder, of a group of three boulders; 3.4 feet above the ground. October 1935.

T.B.M. #2372 222.12 feet
In the center of the town, on southeast corner of East High and Main Streets (Route #28), in back of Packard's house; 8.6 feet northeast of northeast corner of house and 49.1 feet south of center line of East High Street. A chiseled square, on a ledge outcrop, flush with the ground. October 1935.

Bench Marks at Water Supply Units

68J-2 265.45 feet
In the extreme southwestern part of the town, on gate house of Brockton twin standpipe. To reach bench mark from Avon Center, go south on West Main Street about 1 mile to the intersection with South Street, turn right and follow this street for about 1.3 miles from where the tanks may be seen. Use the first gate and follow the footpath up to

AVON Second Order Bench Marks at Water Supply Units (Continued)

the gate house. A monel rivet, set in the eastern edge of concrete doorstep. October 1935.

Ref. BM 68J-2A 245.06 feet
A monel rivet, set in a ledge outcrop; 182 feet southeast down hill from BM 68J-2; 17.7 feet southeast of a power line pole; 14 feet south of a footpath leading to easterly gate on South Street and about 0.6 foot above the ground.

Ref. BM 68J-2B 246.80 feet
A monel rivet, set in a ledge outcrop; 151 feet south of BM 68J-2; 182.5 feet east along the stone wall surrounding the tanks on South Street from the westerly gate; 71.3 feet north from this point and about 0.6 foot above the ground.

These reservoirs are a part of the Brockton water supply system. See BROCKTON for supplementary data.

68J-3 281.63 feet
About 0.6 mile northwest of Avon water tank, in the northwestern part of the town of Avon. To reach bench mark from Avon Center, go north on Main Street (Route #28) to intersection of High Street; go west on West High Street to intersection of Page Street; go up to crest of hill on Page Street where standpipe will be visible. Follow wood road about 375 feet to standpipe. A monel rivet, set in the concrete apron on the northeast side of standpipe; 2.4 feet southeast of the south corner of gate door and 2.1 feet north of the center of the northwest standpipe support. October 1935.

Ref. BM 68J-3A 277.93 feet
A monel rivet, set in a ledge outcrop, at the edge of clearing; 82.2 feet west of the west side of standpipe.

Ref. BM 68J-3B 270.50 feet
A monel rivet, set in a ledge outcrop; 140 feet northeast along wood road and 92.2 feet southeast of center line of wood road.

68J-4 201.22 feet
In the southeastern part of the town of Avon; about 300 feet in the rear of the Royal Electric Company factory on the west side of West Main Street, on granite doorstep to pumping station. To reach bench mark by auto from Avon Center, go south on West Main Street about 0.5 mile to factory of Royal Electric Company on the west side of West Main Street, then west along driveway to south of factory to pumping station. A monel rivet, set in the west end of granite doorstep to pumping station; 9.8 feet east of southwest corner; 0.7 foot above the ground; 327 feet west of the center line of West Main Street and 21.8 feet north of the center line of driveway. October 1935.

ADJUSTED BENCH MARKS

AVON Second Order Bench Marks at Water Supply Units (Continued)

<u>Ref. BM 68J-4A</u>	199.16 feet
A monel rivet, set in a granite ledge outcrop; 270 feet southwest from BM 68J-4; 65 feet east of a well covered with conical roof; 127 feet west of center line of stone wall and 79.5 feet north of wire fence.	
<u>Ref. BM 68J-4B</u>	199.24 feet
A monel rivet, set in granite ledge outcrop; 149 feet south of the center line of a driveway leading to pumping station and 59 feet east of center line of West Main Street.	
<u>68J-6</u>	209.38 feet
In the southwestern part of the town of Avon, on gate house of Brockton Emergency Water Supply Reservoir. To reach bench mark from Avon Center, go south on West Main Street about 1 mile to intersection of South Street; turn right and follow this street about 0.6 mile to intersection with Field Parkway, from which point the gate house may be seen. A monel rivet, set in the easterly edge of a granite doorstep. October 1935.	
<u>Ref. BM 68J-6A</u>	207.22 feet
A monel rivet, set in top of granite masonry stone wall forming part of dam and 226.8 feet west along wall from BM 68J-6.	
<u>Ref. BM 68J-6B</u>	206.72 feet
A monel rivet, set in top of masonry retaining wall; 244 feet east along wall from BM 68J-6 and 18.3 feet north of center line of South Street.	
<u>Ref. BM 68J-6C</u>	196.98 feet
A monel rivet, set in top of ledge outcrop; 123.5 feet southeast of BM 68J-6; 50 feet south of center line of South Street and 13.8 feet southeast of the southeast corner of valve box.	

This reservoir and pumping station are a part of the water supply system of Brockton. See BROCKTON for supplementary data.

Supplementary Data

	Elevation
<u>68J-3 PAGE STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 20 ft., Ht. 90 ft.)	281.64
Overflow (Capacity 212,000 gals.)	371.64

AVON Supplementary Data (Continued)

	Elevation
<u>68J-4 WEST MAIN STREET PUMPING STATION</u>	
Pumping station floor	201.22
Dug well (Dia. 25 ft., Depth 23 ft.)	201.62
High water recorded April 1, 1937	200.12
Low water recorded July 29, 1937	193.62
Wells G.L. (2 tubular, Dia. 10 in., D. 208 ft.)	199.37
High water recorded April 1, 1937	195.37
Low water recorded July 29, 1937	192.37

A portion of Avon receives a water supply
from the Brockton Water Company.

ADJUSTED BENCH MARKS

BELLINGHAM

First Order Bench Marks17DH

324.986 feet

In Bellingham Center; about 700 feet south from intersection of Route #140 and South Main Street; 543 feet south from the southwest corner of base of Soldiers' Monument; 86.3 feet northwest of the northwest corner of a house; 40 feet southwest from the southwest corner of dwelling owned by J.R. Graves; 28.5 feet east of catch basin on west side of road and 13.6 feet east from the center line of South Main Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17DH", set in the top of a concrete monument, flush with the ground. January 1937.

17DJ

292.479 feet

In Bellingham Center, at the east corner of the intersection of Route #140 and South Main and North Streets; 395 feet north from north corner of base of Soldiers' Monument; 239 feet northeast from intersection of Route #140 and South Main Street; 62 feet west from the northwest corner of the Bellingham town hall; 47 feet east from the center line of Route #140; 40 feet northwest of northwest corner of World War tablet; 13.5 feet west of a 10-inch maple; 11.6 feet northeast of northeast corner of traffic blinker; 6.5 feet southwest of southwest corner of a catch basin and 6.3 feet west of west curb of town hall grass plot. A U.S.C. & G.S. and State Survey standard disk, stamped "17DJ", set in the top of a concrete monument, flush with the ground. January 1937.

T.B.M. #2070

232.973 feet

In South Bellingham, on the south side of the N.Y., N.H. & H. R.R. (Midland Division); 350 feet southwest of center line of Center Street and 21 feet southeast of southeast rail. A chiseled square, in a ledge outcrop. January 1937.

T.B.M. #2071

228.481 feet

About 1/2 mile southwest of South Bellingham, on the N.Y., N.H. & H.R.R. (Midland Division); approximately 0.4 mile southwest of Center Street and 129 feet southwest of center line of a farm road from Scott Dairy on South Main Street. A chiseled square, on the northeast side of the bottom stone at the northwest end of culvert. January 1937.

T.B.M. #2072

218.533 feet

About 1 1/2 miles southwest of South Bellingham; 7 feet west of east end of foundation on north side of tracks of the N.Y., N.H. & H. R.R. (Midland Division). A chiseled square, in the granite foundation for wooden trestle under South Main Street bridge. January 1937.

T.B.M. #2078

267.831 feet

About 1 1/4 miles east of Bellingham Center on Route #140, at the

BELLINGHAM First Order Bench Marks (Continued)

Franklin-Bellingham town line; 200 feet east of center line of Maple Street and 22 feet south of center line of Route #140. A chiseled square, on town line bound. September 1935.

T.B.M. #3069 201.979 feet
At Caryville station in North Bellingham, on the N.Y., N.H. & H. R.R. (Needham Branch); 92.7 feet northeast of the center line of Pearl Street; 16 feet southeast of the southeast rail and 7.7 feet southeast of the southwest corner of building. A monel rivet, set in the northwest end of the first step of entrance to the Caryville post office and station. January 1937.

T.B.M. #3070 219.355 feet
At North Bellingham; 55.7 feet southeast of the southeast rail of the N.Y., N.H. & H. R.R. (Needham Branch); 39 feet northeast of the center line of Maple Street; 10 feet southwest of the north corner of the general store and 1 foot northwest of the northwest wall. A monel rivet, set in the concrete foundation for scale box at the North Bellingham post office and general store. January 1937.

T.B.M. #3071 210.419 feet
At North Bellingham, on the N.Y., N.H. & H. R.R. (Needham Branch); about 0.6 mile southwest of North Bellingham station; 300 feet southeast of Hartford Avenue; 6 feet northwest of the northwest rail and 9 feet below top of rail. A monel rivet, set in the northwest end of the northeast concrete base for the supports of wooden trestle over farm road. January 1937.

T.B.M. #3072 246.107 feet
About 0.8 mile northeast of Bellingham junction, on the N.Y., N.H. & H. R.R. (Needham Branch), in the northeast angle of the intersection of North Main Street and railroad; 100 feet northeast of the center line of North Main Street; 76.5 feet northeast of a battery well; 15 feet southeast of the southeast rail. A monel rivet, set in a ledge outcrop, 1 foot above level of rail. January 1937.

T.B.M. #3073 236.228 feet
At Bellingham junction, on the Needham Branch and the Milford to Franklin Branch of the N.Y., N.H. & H. R.R.; 300 feet northeast of Depot Street; 42 feet northeast and across track from switch stand and 2.8 feet southeast of the southeast rail. A monel rivet, set in the southeast end of the southwest abutment of trestle over Charles River, 1 foot below top of rail. January 1937.

T.B.M. #3074 358.091 feet
At Bellingham, on the west side of South Main Street in a pasture; 0.4 mile south of town hall by highway; 275 feet north of a small bungalow; 91 feet southwest of pole #320; 58 feet west of the center line of South Main Street and 42 feet west of a stone wall and oppo-

BELLINGHAM First Order Bench Marks (Continued)

site a wood road leading east from South Main Street. A monel rivet, set in a 15-foot by 8-foot oval-shaped ledge. January 1937.

T.B.M. #3075 339.577 feet
At Bellingham, in the southeast angle of the intersection of South Main and Blackstone Streets; 0.8 mile south of town hall by highway; 90 feet south of the center line of Blackstone Street; 61 feet east of the center line of South Main Street and 37 feet east of an 18-inch twin pine tree and diagonally across intersection from the residence of F. Surprenant. A monel rivet, set in a ledge outcrop. January 1937.

T.B.M. #3076 304.806 feet
At Bellingham, on the west side of South Main Street; 1.1 miles south of town hall by highway, opposite an artificial pond on the west side of South Main Street; 235 feet northeast of east stone pillar at the north entrance to a stucco house; 130 feet north of the southeast corner of pasture fence; 48 feet southwest of pole #290; 15 feet west of the center line of South Main Street and 7.1 feet southeast of south gate post of pasture fence. A monel rivet, set in a boulder. January 1937.

T.B.M. #3077 337.679 feet
About 1.7 miles south of Bellingham town hall by highway; 225 feet southwest of the intersection of Center Street; 13.6 feet north of the center line of South Main Street and 1.6 feet west of the east end of head wall of a box culvert carrying a brook under South Main Street. A monel rivet, set in the east end of the north head wall and level with the highway. January 1937.

T.B.M. #3078 233.046 feet
At Bellingham, on the N.Y., N.H. & H. R.R. (Midland Division); 2.6 miles south by highway; 9 rails southwest of the Center Street crossing; 39.5 feet northeast of a pole; 34.6 feet southwest of whistle post; 25.5 feet southeast of the southeast rail; 11.5 feet northwest of right-of-way fence and 9 feet south of a chiseled square (T.B.M. #2070). A monel rivet, set in a ledge outcrop. January 1937.

W74 (U.S.G.S.) 205.799 feet
In North Bellingham, on the north side of Maple Street at the Bellingham Textile Mill; 500 feet southeast of the N.Y., N.H. & H. R.R. crossing; 300 feet northwest of bridge over Charles River; 16 feet northeast of the center line of Maple Street and 2.7 feet northeast of the southwest corner of reservoir. A U.S. Geological Survey standard disk, stamped "W74-206-1936", set in the concrete wall of water reservoir and level with road surface. January 1937.

W79 (U.S.G.S.) 335.025 feet
About 2.2 miles south of Bellingham town hall by highway; 210 feet

BELLINGHAM First Order Bench Marks (Continued)

north of the intersection of Center and Cross Streets; 150 feet west of the center line of Center Street on the south side of wood road and 7 feet north of a stone wall. A U.S. Geological Survey standard disk, stamped "W79-335-1936", set in the top of a large boulder, 3 feet above the ground. January 1937.

T.B.M. Charles River #26 236.186 feet
About 5/8 mile northwest of Bellingham town hall, on the north side of bridge over the Charles River; 48 feet from north abutment, at junction of Milford Branch of Boston and Ashland line and the Midland Division of the N.Y., N.H. & H. R.R. A chiseled square, on a stone bound between rails of Midland Division. January 1937.

T.B.M. Charles River #30 201.435 feet
About 2 1/2 miles northeast of Bellingham town hall, on the west side of Maple Street, on bridge over the Charles River. A chiseled square, on the north rough stone abutment. January 1937.

Second Order Bench Marks

17DG 287.50 feet
About 1/2 mile southeast of Bellingham Center, on the south side of Route #140; approximately 2650 feet southeast along Route #140 from its intersection with South Main Street; 500 feet northeast of intersection of Mechanic Street and Route #140; 133 feet southeast from the southeast corner of dwelling owned by J.R. Nason; 57 feet southeast from the center of a catch basin; 55 feet east from the east corner of "Esso Colonial Dealer" gas station and 36 feet south from the center line of highway. A U.S.C. & G.S. and State Survey standard disk, stamped "17DG", set in a concrete monument, flush with the ground. July 1936.

T.B.M. #2068 247.88 feet
About 1 mile northeast of South Bellingham, at the south end of west abutment of N.Y., N.H. & H. R.R. (Midland Division) bridge over Lake Street. A copper plug, set in the south end of concrete stringer under tracks. August 1935.

T.B.M. #2069 227.57 feet
In South Bellingham, in field, on northwest side of N.Y., N.H. & H.R.R. (Midland Division); 448 feet northeast of center line of Railroad Street crossing; 67 feet northwest of northwest rail and 27 feet northwest of right-of-way fence. A chiseled square, in a ledge outcrop. August 1935.

T.B.M. Charles River #24 244.08 feet
About 1 5/8 miles northwest of Bellingham town hall, on the east side

BELLINGHAM Second Order Bench Marks (Continued)

of the N.Y., N.H. & H. R.R. (Milford-Bellingham Branch) and the south side of Hartford Avenue; 39.5 feet northeast from nearest rail and 31 feet southeast from center line of street, on the southwest corner of a stone bound. No mark. September 1935.

T.B.M. Charles River #25 237.58 feet
About 2 miles northwest of Bellingham town hall, on the north side of Hartford Avenue, at the east end of bridge over the Charles River. A chiseled square, on the concrete base for bridge rail. September 1935.

T.B.M. Charles River #27 222.92 feet
About $3/4$ mile northwest of Bellingham town hall, at north side of north spillway of dam. A chiseled square, on stone wall. September 1935.

T.B.M. Charles River #28 222.18 feet
About $1/2$ mile northwest of Bellingham town hall, on the east side of North Main Street, at the south end of bridge over the Charles River. A chiseled square, on the base of concrete fence. October 1935.

T.B.M. Charles River #29 206.14 feet
About $1 1/8$ miles northeast of Bellingham town hall, on the north side of High Street, at the west end of bridge over the Charles River. A chiseled square, on rough stone abutment. October 1935.

T.B.M. Charles River #31 185.14 feet
About $3 5/8$ miles northeast of Bellingham town hall, on the southwest side of Pearl Street at the southeast end of bridge over the Charles River. A chiseled square, on concrete wall. October 1935.

Bellingham has no municipal water supply system.

BRAINTREE

First Order Bench Marks

6A20 63.073 feet
In the northern part of town, on the N.Y., N.H. & H. R.R., between main line and West Quincy Branch tracks; about 450 feet northwest of Washington Street (Capen's Bridge); 100.9 feet northwest of a semaphore; 7.2 feet southwest of the southwest rail of main line track and 22.9 feet northeast of the northeast rail of West Quincy bound track. A U.S.C. & G.S. and State Survey standard disk, stamped "6A20-63.073", set in a concrete monument, flush with the ground. August 1936. When recovered in March 1940, the bound was found in poor condition, the southwest side was broken off and disk was tilted at an angle.

13A 75.163 feet
In the northern part of town, on the west side of the N.Y., N.H. & H. R.R.; 17 feet north of the center of River Street railroad crossing; 362 feet south of the southeast corner of a signal tower opposite Braintree railroad station; 14.1 feet west of the west rail of the south bound tracks and 62.8 feet southeast of a catch basin on west side of Railroad Avenue. A U.S.C. & G.S. and State Survey standard disk, stamped "13A-75.163", set in a concrete monument, the top of which is flush with the ground. August 1936. Recovered in good condition March 1940.

13B 74.652 feet
In the northern part of town, on the east side of the N.Y., N.H. & H. R.R.; 772 feet south of the center line of River Street; 79.9 feet east of the east rail of the east main track; 16.5 feet south of the center of a switch lamp; 70.5 feet north of the center of another switch lamp (lamps are the third and fourth south of the water intake for engines) and 11.7 feet east of the most easterly rail. A U.S.C. & G.S. and State Survey standard disk, stamped "13B-74.652", set in a concrete monument, flush with the ground. August 1936. Recovered in good condition March 1940.

13C 91.018 feet
In South Braintree, on the east side of the N.Y., N.H. & H. R.R.; 178 feet south of center of Union Street crossing; 55 feet south of frog in west rail of east track; 86 feet northeast of frog on east rail of east track and 35.9 feet northeast of center of switch semaphore. A U.S.C. & G.S. and State Survey standard disk, stamped "13C-91.018", set in a concrete monument, 4 inches below the surface of the ground. August 1936. Recovered in good condition March 1940.

13D 106.280 feet
In South Braintree, on the west side of the N.Y., N.H. & H. R.R.; approximately 480 feet north of the northwest corner of the South Braintree railroad station; 31.6 feet west of the most westerly rail;

BRAINTREE First Order Bench Marks (Continued)

16.8 feet south of a pole on west bank of railroad; 65 feet southeast of southeast corner of house, #37 French Avenue and 940 feet north of Pearl Street. A U.S.C. & G.S. and State Survey standard disk, stamped "13D-106.280", set in a concrete monument, 6 inches above the surface of the ground. July 1936. Recovered in good condition March 1940.

13E

95.170 feet
In South Braintree, on the N.Y., N.H. & H. R.R. (in the angle between the Plymouth and Cape Cod Branches); about 390 feet south of the center of Pearl Street grade crossing; 132 feet west of the southwest corner of Abrasive Products Inc.; 10 feet south of the west pole of twin telegraph poles and 42.3 feet west of the west rail of the South Weymouth bound tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "13E-95.170", set in a concrete monument, about 1 inch above the ground. July 1936. Recovered in good condition March 1940.

13EC

100.871 feet
In South Braintree, on the west side of the N.Y., N.H. & H. R.R., at the junction of Routes #37 and #128; 36 feet north of center line of Route #128 grade crossing (Plain Street); 96.2 feet south of the east corner of the north abutment of culvert #1191; 10.7 feet west of rail of south bound track; 42 feet northeast of manhole sewer; 26 feet east of center line of Hancock Street and 74 feet northwest of a catch basin on north side of Plain Street. A U.S.C. & G.S. and State Survey standard disk, stamped "13EC-100.871", set in a granite monument, 7 inches below the ground. August 1936. Recovered in good condition March 1940.

13F

104.344 feet
In South Braintree, on the southwest side of the N.Y., N.H. & H. R.R. (Plymouth Branch); 1412 feet southeast of Pearl Street; 27.3 feet southwest of the southwest rail and 69 feet south of the southeast corner of stone culvert leading under tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "13F-104.344", set in a concrete monument, 4 inches above the surface on a bank. July 1936. Recovered in good condition March 1940.

13G

105.835 feet
In South Braintree, on the southwest side of the N.Y., N.H. & H. R.R.; about 300 feet northwest of Plain Street overpass; 202 feet northwest of drill hole in west end of the southwest abutment of bridge at Plain Street over railroad; 11.8 feet southwest of the southwesterly rail and 13.6 feet north of a pole north of Plain Street. A U.S.C. & G.S. and State Survey standard disk, stamped "13G-105.835", set in a concrete monument, the top of which is flush with the surface of the ground. August 1936. Recovered in good condition March 1940.

BRAintree First Order Bench Marks (Continued)

13H 123.801 feet
About 1 3/4 miles southeast of the town hall, on the east side of the N.Y., N.H. & H. R.R.; 2415 feet southeast of the center line of Plain Street bridge over railroad; 7.2 feet northeast of the northeast rail; 12.8 feet southwest of property line and 41 rails southeast and across tracks from milepost #12 and 59.5 feet north of a pole (no number) on southerly side of tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "13H-123.801", set in a concrete monument, 3 inches above the surface of the ground. August 1936. Recovered in good condition March 1940.

13J 129.220 feet
About 2 1/2 miles southeast of the town hall, on the northeasterly side of the N.Y., N.H. & H. R.R.; 594 feet northwest of a cross cut (below T.B.M. #244) in the northwest end of the northeast abutment of Liberty Street overpass; 6.6 feet northeast of the northeasterly rail; 21 feet northwest of end of stone wall on the northeasterly property line and 46 feet east of a pole. A U.S.C. & G.S. and State Survey standard disk, stamped "13J-129.220", set in a concrete monument, the top of which is 5 inches above the surface of the ground and 2 feet below elevation of rail. August 1936. Recovered in good condition March 1940.

13K 143.455 feet
About 2 1/2 miles southeast of the town hall, on the south side of the N.Y., N.H. & H. R.R.; 249 feet southeast of the northeast end of the southeast abutment; 16.3 feet south of most southerly rail; 10 feet north of stone wall on the southerly property line and 4 feet east of pole #E-14. A U.S.C. & G.S. and State Survey standard disk, stamped "13K-143.455", set in a concrete monument, the top of which is 3 inches above the surface of the ground. August 1936. Recovered in good condition March 1940.

13L 144.218 feet
About 2 1/2 miles southeast of the town hall, on the southerly side of the N.Y., N.H. & H. R.R. (Plymouth Branch); 1067 feet southeast of center line of Liberty Street overpass; 7 feet south of southerly rail; 17 feet north of stone wall on southerly property line and 38 feet northeast of a pole. A U.S.C. & G.S. and State Survey standard disk, stamped "13L-144.218", set in outcrop of granite, the top of which is 2 inches above the surface of the ground. August 1936. Recovered in good condition March 1940.

13N 150.801 feet
In the southeastern part of town, on the north side of the N.Y., N.H. & H. R.R.; 700 feet northwest of West Street grade crossing; 9 feet north of northerly rail; 13 feet south of property line; 63.4 feet northeast of a pole on south side of tracks; 187 feet northwest of a

BRAINTREE First Order Bench Marks (Continued)

transmission line and 346 feet east of milestone #13. A U.S.C. & G.S. and State Survey standard disk, stamped "13N-150.801", set in a concrete monument, the top of which is 2 inches above the ground. August 1936. Recovered in good condition March 1940.

13P

148.258 feet

In the southeastern part of town, near the Weymouth line, on the north side of the N.Y., N.H. & H. R.R.; 28 feet north of the center line of West Street grade crossing; 21.2 feet north of north rail; 14.3 feet northeast of "I" beam holding crossing sign on the northeast corner of the intersection and 138 feet northwest of granite bound on Braintree-Weymouth town line. A U.S.C. & G.S. and State Survey standard disk, stamped "13P-148.258", set in a concrete monument, the top of which is 4 inches above the surface of the ground. August 1936. Recovered in good condition March 1940.

M128CY

133.326 feet

About 2 miles west of the town hall, at the junction between Route #128 (Blue Hill River Road) and Pond Street; 23.4 feet south of the center line of Route #128 and about 72 feet northwesterly from the center of Pond Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CY-133.326", set in the highest point of a ledge, 13 feet above highway level. July 1936. Recovered in good condition March 1940.

M128CZ

117.923 feet

About 1 3/4 miles west of the town hall, on Route #128 (West Street) across highway; 35 feet west of the east side of driveway to Blue Hill Nurseries; 4829 feet west of the intersection with Granite and Franklin Streets; 31 feet south of the center of highway; 63.2 feet south of pole #92 on north side of road and about 261.3 feet southeast of another Massachusetts highway bound on the northwest side of curve of highway. (Abreast of Station 48 + 29.35). A U.S.C. & G.S. and State Survey standard disk, stamped "M128CZ-117.923", set in the southerly of two granite Massachusetts highway bounds, located on either side of highway, 1 foot below highway level and 3 inches above ground. July 1936. Recovered in good condition March 1940.

M128DB

135.120 feet

About 1 1/4 miles west of the town hall, in an apple orchard on the north side of Route #128 (West Street); about 2755 feet west of the intersection with Granite and Franklin Streets; 50 feet north of the center of the highway; 29 feet northeast of pole #64; 274.7 feet northwest of a Massachusetts highway bound, on the south side of the highway; 80 feet north of entrance to Braintree Polo Club and 28.8 feet north of twin twelve-inch elm trees. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DB-135.120", set in a large boulder, about 4 feet above highway level. July 1936. Recovered in good condition March 1940.

BRAINTREE First Order Bench Marks (Continued)

M128DC 126.970 feet
About 1 mile west of the town hall, on the south side of Route #128; about 2042 feet west of the intersection with Granite and Franklin Streets; 19 feet south of the center of highway; 293 feet east of junction of wire and wood fences on property of Ferguson Riding School; 41.4 feet south of pole #67 on north side of highway and 11.8 feet north of fence line. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DC-126.970", set in a concrete monument, 1 foot above highway level. July 1936. Recovered in good condition March 1940.

M128DE 160.495 feet
About 1 mile west of the town hall, on the north side of West Street (Route #128); about 355 feet west from center of intersection of Granite and Franklin Streets; 131.3 feet northwest of a stone bound on the south side of the highway; 17 feet north of the highway center line; 93.2 feet west of center line of front steps of #371 West Street; 56 feet northwest of center line of steps to #376 West Street and 18.1 feet east of pole #50. (Abreast of Station 3+55). A U.S.C. & G.S. and State Survey standard disk, stamped "M128DE-160.495", set in a ledge outcrop. July 1936. Recovered in good condition March 1940.

M128DG 147.146 feet
About 3/4 mile west of the town hall, on the west side of Granite Street; about 85 feet northwest of the intersection with West and Franklin Streets; 214.5 feet west of a stone bound on the south side of West Street, just west of the intersection; 249.2 feet northwest of another stone bound on the west side of Franklin Street, just south of the intersection; 42.2 feet east of the southeast corner of foundation wall of #365 West Street and 39.7 feet north of Highway #128 sign. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DG-147.146", set in a granite Massachusetts highway bound, in edge of lawn, about 4 feet above road. July 1936. Recovered in good condition February 1940.

M128DH 152.367 feet
About 3/4 mile southwest of the town hall, on the northeast side of Franklin Street (Route #128); about 835 feet southeast of its intersection with West and Granite Streets, opposite house, #350; 9.3 feet southeast of a hydrant; 20.2 feet northwest of a pole and 23.8 feet northeast of the center of highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DH-152.367", set in a concrete monument, about 2 inches above sidewalk level. July 1936. Recovered in good condition March 1940.

M128DK 120.395 feet
In South Braintree, on the northeast side of Franklin Street (Route #128); about 48 feet southeast of the center line of Central Avenue;

BRAINTREE First Order Bench Marks (Continued)

65.8 feet south of a stone bound on the north side of Central Avenue; 147.7 feet north of a stone bound on the south side of Safford Street near Franklin Street; about 27 feet east of the center line of Franklin Street and 1.7 feet southwest of a 3-foot beech tree. The highest point of a town bound, which is 4 inches above sidewalk level. July 1936.

M128DL

111.218 feet

In South Braintree, on the northeast corner of the intersection of Summer and Franklin Streets; 49.5 feet south of the southwest corner of sun parlor on house, #53 Franklin Street; 22.4 feet north of pole #7 on south side of Summer Street; 18.1 feet southeast of a hydrant and 7.8 feet east of center of a catch basin in Summer Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DL-111.218", set in a concrete monument, flush with walk. July 1936. Recovered in good condition March 1940.

M128DP

120.136 feet

In South Braintree, on the east side of Washington Street (Route #128); about 15 feet north of the center line of Jefferson Avenue; 176.3 feet southeast of a stone bound on the west side of Washington Street; 7 feet northwest of the northwest corner of base of brick gate post and 2.9 feet west of iron fence. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DP-120.136", set flush in a granolithic sidewalk in concrete, beside a water meter cover. July 1936. Recovered in good condition March 1940.

M128DQ

101.069 feet

In South Braintree, on the west side of Washington Street bridge over the Monatiquot River; about 85 feet south of the junction with Plain and Hancock Streets; 10.6 feet northeast of the southwest end of bridge; 32.7 feet southeast of the northwest end of bridge and 4 feet east of the face of the parapet. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DQ-101.069", set flush in concrete sidewalk. July 1936. Recovered in good condition March 1940.

M128DR

120.073 feet

In South Braintree, on the north side of Plain Street; about 750 feet east of the junction with Washington and Hancock Streets; 30 feet south of the southeast corner of house, #46-48 Plain Street; 51.5 feet north of a four-foot oak tree on the south side of road; 29.8 feet east of the east side of steps leading to above house and 10.2 feet south of a stone wall on the north side of street in front of #48 Plain Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DR-120.073", set in a concrete monument, the top of which is 3 inches above ground. July 1936. Recovered in good condition March 1940.

BRAINTREE First Order Bench Marks (Continued)

M128DS 128.512 feet
 In South Braintree, at the westerly end of the Plain Street bridge #0.58 over the N.Y.,N.H.& H. R.R.; about 340 feet east of the intersection with Grove Street; 14.3 feet southeast of the west end of the northerly bridge girder; 53 feet southwest of the east end of northerly girder and 8.8 feet south of this girder. A U.S.C.& G.S. and State Survey standard disk, stamped "M128DS-128.512", set flush with the highway, in top of westerly granite abutment. July 1936. Recovered in good condition March 1940.

T.B.M. #244 140.396 feet
 In the southeastern part of town, in the northwest corner of the bottom step of the northwest wing wall of the N.Y.,N.H.& H.R.R. (Boston Division) bridge #1.31 (railroad under Liberty Street). A chiseled square. August 1936.

T.B.M. #3056 123.257 feet
 About 2 miles west of the town hall, at the Blue Hill Park Cemetery, in driveway at east side of rockery; 63.6 feet east of southeast corner of cement walk leading to east room under rockery; 24.7 feet southeast of a 7-inch evergreen tree and 19.4 feet north of north edge of highway. Highest point on stone bound, about 1 foot above highway level and 2 inches above driveway surface. No mark. July 1936.

J13 119.805 feet
 In South Braintree, in the south step buttress of the northwest side entrance to St. Francis of Assisi Catholic Church along Washington Street, about 3 feet above pavement level. A U.S.C.& G.S. and State Survey standard disk, stamped "J13-119.805-Mass.G.S.-1936". August 1936. Recovered in good condition March 1940.

K13 127.341 feet
 In South Braintree, in the north step buttress at main entrance to Braintree town hall on Washington Street, 5 feet above pavement level. A U.S.C.& G.S. and State Survey standard disk, stamped "K13-127.341-Mass.G.S.-1936". August 1936. Recovered in good condition March 1940.

Q16 76.980 feet
 In the southwest corner of the granite threshold, entrance to the waiting room, on the east side of the Braintree station of the N.Y., N.H.& H. R.R. (Boston Division). A chiseled cut. August 1936.

F19 99.618 feet
 In the southeast corner of the bottom course of the South Braintree station of the N.Y.,N.H.& H. R.R. (Boston Division). A chiseled square. August 1936.

BRAINTREE Second Order Bench Marks

6A21 77.75 feet
 In the northern part of town, on the northeast side of the N.Y., N.H. & H. R.R. right-of-way; about 103 feet northwest of center line of School Street crossing; 17.5 feet northeast of northeast rail; 4.2 feet southwest of fence and 96.2 feet northwest of semaphore on southwest side of railroad. A U.S.C. & G.S. and State Survey standard disk, stamped "6A21", set in a concrete monument, flush with the ground. December 1938.

6A26A 56.02 feet
 In East Braintree, on the north side of the N.Y., N.H. & H. R.R.; about 1800 feet east of the Middle Street overpass bridge; 43.5 feet northeast of semaphore #K05; 18.9 feet southeast of a pole; 62 feet northwest of another pole; 43 feet southwest of wire fence and 13.5 feet north of the north rail. A U.S.C. & G.S. and State Survey standard disk, stamped "6A26A", set in a concrete monument, flush with the ground. June 1934.

6A27A 32.34 feet
 In East Braintree, on the N.Y., N.H. & H. R.R. right-of-way; about 600 feet east of Allen Street railroad crossing; 94 feet west of south abutment of bridge #1.36 over the Monatiquot River; 17.8 feet south of the south rail; about 55 feet north of the bank of the river; 48.5 feet south of a pole on north side of railroad and 44.6 feet northwest of a pole on south side of railroad. A U.S.C. & G.S. and State Survey standard disk, stamped "6A27A", set in a concrete monument, flush with the ground. June 1934. Recovered in good condition November 1938.

6R4 11.33 feet
 In East Braintree, on the Quincy-Braintree town line, in the northeast corner of stone bound at the intersection of Fore River railroad and Howard Street. A chiseled square. 1938.

6R5 43.52 feet
 In East Braintree, on south side of Fore River railroad track; about 2415 feet west of Howard Street. A monel rivet, set in a ledge outcrop. 1938.

6R7 58.87 feet
 In East Braintree, in south abutment of bridge on east side of Fore River railroad track; about 415 feet north of center line of Commercial Street. A monel rivet. 1938.

6R8 60.41 feet
 In East Braintree, in retaining wall on the south side line of Elm Street; about 15 feet east of Fore River railroad track. A monel rivet. 1938.

BRAINTREE Second Order Bench Marks (Continued)

6R9 46.34 feet
In East Braintree, on south side of Fore River railroad track; about 78 feet southeast of center line of Adams Street. A monel rivet, set in a stone. January 1934.

6R10 48.50 feet
In East Braintree, in second granite stone in west end of north wing wall of bridge #0.79 which is the first bridge west of junction of N.Y., N.H. & H. R.R. (South Shore Branch) and Fore River railroad. A monel rivet. January 1934.

6R11 54.67 feet
About 1/2 mile east of railroad station, on the top of northeast anchor bolt in base of semaphore signal #K-05, on the south side of the N.Y., N.H. & H. R.R. (Boston Division). The top of anchor bolt. January 1934.

6R12 66.70 feet
About 1/4 mile east of railroad station, in the lower step at east end of north abutment of the Middle Street bridge over the N.Y., N.H. & H. R.R. (Boston Division). A monel rivet. January 1934. Recovered in good condition November 1938.

6R13 67.43 feet
About 1/2 mile north of railroad station, on lower step of Capen's Bridge abutment at the southeast corner of Washington Street bridge on the N.Y., N.H. & H. R.R. A monel rivet. December 1938.

6R32 39.04 feet
In East Braintree, on the west end of concrete retaining wall, north of the tracks and opposite the railroad station. The head of a galvanized bolt. March 1934.

13EA 96.62 feet
In South Braintree; about 1/2 mile south of the town hall, on the west side of the N.Y., N.H. & H. R.R.; 1450 feet north of Plain Street; 538 feet south of southeast corner of freight house; 81.3 feet west of northwest corner of Stedman Rubber Company's building; 20.1 feet east of southeast corner of Woodsum Coal Company's coal shed; 45.3 feet northeast of northeast corner of Woodsum Coal Company's store house and 18.8 feet west of west rail of westerly main track. A U.S.C. & G.S. and State Survey standard disk, stamped "13EA", set in a concrete monument, 6 inches below the ground. August 1934.

M128DA 122.09 feet
About 1 1/2 miles west of the town hall, on West Street (Route #128); about 3670 feet west of the intersection with Granite and Franklin Streets; 30 feet south of the center of the highway; 337.6 feet southeast from a Massachusetts highway bound on the north side of the

BRAINTREE Second Order Bench Marks (Continued)

highway; 79.8 feet northwest of the northwest corner of the foundation of house, #664 West Street; 80.7 feet southwest from pole #83J and 10.8 feet northeast from northeast corner of greenhouse. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DA", set in the southerly of two Massachusetts highway bounds on either side of highway, 12 inches below grade. August 1934.

M128DN

117.35 feet

In South Braintree, on the west side of Washington Street, south of the intersection with Pond Street, in the driveway to the South Congregational Church; 159.5 feet north of a stone bound on the west side of Washington Street; 108.5 feet southeast of another stone bound at the southwest corner of the intersection; 66.6 feet southeast of the northeast corner of the church and 33.8 feet northeast from the southeast corner. A U.S.C. & G.S. and State Survey standard disk, stamped "M128DN", set in a concrete monument, the top of which is 10 inches below the ground. August 1934.

T.B.M. #257

112.05 feet

In Braintree Highlands, on the N.Y., N.H. & H. R.R. (Boston Division); 246 feet southwest of southwest side of railroad station and 9.2 feet southeast of southeast rail. A chiseled square, on a ledge outcrop. 1931.

T.B.M. #2251

118.22 feet

In South Braintree, on the N.Y., N.H. & H. R.R. (Plymouth Branch); 1100 feet southeast of Plain Street bridge #0.58; about 100 feet southeast of abandoned cattle grade crossing and 10 feet west of west rail of south bound tracks. The highest point on granite milepost #12, 4 feet above grade. July 1934.

T.B.M. #2377

133.15 feet

In the western part of town, on the Randolph line; 51.5 feet southeast of southeast corner of house, #272 on northerly side of Pond Street; 25 feet northwest of center line of Pond Street and 59 feet southwest of center line of driveway to Randolph pumping station. A chiseled cut, on the east corner of granite town bound. December 1935.

T.B.M. #2378

126.10 feet

In the southwestern part of town; 125 feet west of center line of Granite Street and 30 feet south of center line of King Hill Road. A chiseled square, on a granite boulder. January 1936.

T.B.M. #2379

147.80 feet

About 1.2 miles west of the town hall, at the southwest corner of intersection of West, Granite and Franklin Streets; about 76 feet south of center line of West Street; 37 feet west of center line of Granite Street and 16 feet southwest of a catch basin. A chiseled cut, on a Massachusetts highway bound. January 1936.

BRAINTREE Second Order Bench Marks (Continued)

T.B.M. #2437 87.12 feet
 In the center of the town, on the southeast corner of Washington and Elm Streets, on the northwest corner of granite foundation of Masonic Temple. A chiseled square. January 1936.

Bench Marks at Water Supply Units

68J-8 127.64 feet
 About 2.9 miles north of Randolph Square. To reach station by auto, travel north from Randolph Center, 2.2 miles on Route #28 (North Main Street), turn east on Pond Street and travel 0.8 mile to Randolph pumping station. A monel rivet, set in the most southerly corner of the north window sill on the westerly side of the pumping station; about 98 feet northwest of BM 68J-8A; 180 feet east of T.B.M. #2377 and 110 feet southeast of center line of Pond Street. December 1935.

Ref. BM 68J-8B 133.78 feet
 A monel rivet, set in top of a granite Massachusetts highway bound; about 20 feet east of the center line of Pond Street; about 325 feet northeast of T.B.M. #2377 and about 250 feet northwest of BM 68J-8.

Ref. BM 68J-8C 128.58 feet
 A monel rivet, set in top of a Massachusetts highway bound; 53 feet southeast of T.B.M. #2377 and 231.3 feet southwest of BM 68J-8.

This pumping station is a part of the Randolph Water Supply System. See RANDOLPH for supplementary data.

68J-9 128.30 feet
 About 2.2 miles southwest of Braintree. To reach bench mark by auto from Braintree Center, go south on Washington Street 0.45 mile; west on West Street 0.90 mile to "Five Corners", then south along Granite Street 1 mile, then west on King Hill Road 0.75 mile to site. A monel rivet, set in granite sill, at north end of north window in east wall of main building, and 37.3 feet west of center line of driveway. January 1936.

Ref. BM 68J-9A 130.22 feet
 A monel rivet, set in granite outcrop; about 200 feet north of BM 68J-9; 37 feet west of center line of driveway and 31 feet northeast of northeast corner of concrete tank.

Ref. BM 68J-9B 133.27 feet
 A monel rivet, set in concrete base of a standpipe; about 350 feet east of BM 68J-9 and 106 feet north of center line of driveway.

68J-10 165.56 feet
 One mile southwest of Braintree. To reach bench mark by auto from Braintree Center, drive south on Washington Street 0.45 mile, then

BRAINTREE Second Order Bench Marks at Water Supply Units (Continued)

west on West Street 0.3 mile to site. A monel rivet, set in a granite outcrop, 22.3 feet west of center line of valve door in north side of base of Braintree standpipe and 27.2 feet east of east lane of Hollingsworth Avenue. January 1936.

Ref. BM 68J-10A 164.04 feet
A monel rivet, set in a granite outcrop; 68.6 feet east of the east lane of Hollingsworth Avenue; 78 feet northeast of center line of valve door in north side of base of Braintree standpipe and 78.5 feet northeast of BM 68J-10.

Ref. BM 68J-10B 158.81 feet
A monel rivet, set in a granite outcrop; 147.7 feet east of BM 68J-10A and 85.8 feet west of center line of Tremont Street.

68J-19 199.22 feet
About 1.5 miles east of Braintree railroad station in East Braintree. To reach standpipe from junction of Commercial, Union and Liberty Streets, go south 0.3 mile on Liberty Street to Lincoln Heights (dirt road) thence 0.25 mile to locus. A U.S.C. & G.S. standard triangulation reference mark disk, stamped "Weymouth No. 2", set on concrete base at west side of standpipe. January 1936.

Ref. BM 68J-19A 199.48 feet
A U.S.C. & G.S. standard triangulation reference mark disk, stamped "Weymouth No. 4", set in a ledge outcrop; 41.9 feet west of standpipe and 12.6 feet southeast of U.S.C. & G.S. triangulation station, Weymouth, 1933.

Ref. BM 68J-19B 200.84 feet
A U.S.C. & G.S. standard triangulation disk, stamped "Weymouth 1933", set in ledge outcrop; 53.4 feet west of standpipe and 12.6 feet northwest of U.S.C. & G.S. standard reference mark disk, Weymouth No. 4.

Supplementary Data

	Elevation
<u>68J-9 GREAT POND PUMPING STATION</u>	
Coagulation basin (50 ft. x 64 ft., D. 16.75 ft.)	142.20
Slow sand filters, 3 (18 ft. x 18 ft., D. 12.75 ft.)	140.95
Clear water basin (50 ft. x 100 ft., D. 14.92 ft.)	131.87
Pumping station floor	125.18
Dam - Great Pond	123.22
Spillway crest (may be raised 1.65 ft. with F.B.)	117.02
Water level observed January 26, 1937	119.08
High water recorded March 12, 1936	119.05
Low water recorded December 1, 1929	112.71
Pond gage mark	116.96
Area 205 acres; available supply 271 m.g.	

BRAintree Supplementary Data (Continued)

	Elevation
<u>68J-10 WEST STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 30 ft., Ht. 100 ft.)	170.13
Overflow (Capacity 578,750 gals.)	268.13
<u>68J-19 LINCOLN HEIGHTS STANDPIPE</u>	
Bottom of standpipe (Dia. 54 ft., Ht. 60 ft.)	199.52
Overflow (Capacity 1,032,590 gals.)	257.52

BROOKLINE

First Order Bench Marks

G2 (U.S.C. & G.S.) (M.G.S.) 10.933 feet
 In Boston, Suffolk County, at the Cottage Farm bridge carrying Commonwealth Avenue over the B. & A. R.R. tracks in the east face at the east end of the center pier and 2.5 feet above the ground. A U.S.C. & G.S. standard bench mark disk, stamped "G2-1923", set vertically. Redetermined by the Massachusetts Geodetic Survey in June 1939. Recovered in good condition June 1939.

P2 (U.S.C. & G.S.) (Boston) 138.569 feet
 On the B. & A. R.R.; about 0.5 mile east of Chestnut Hill; 2.75 rails west of the west end of bridge N.H. #3.71; 2.25 rails east of milepost #B6; 150 feet east of the Boston-Newton town line and 8 feet north of the north rail. A U.S.C. & G.S. standard bench mark disk, stamped "P2-138.569-1923", set in the rock wall of a cut about 8 inches below track level. Recovered in good condition January 1936.

Q2 (U.S.C. & G.S.) 17.743 feet
 On the B. & A. R.R.; about 11 rails west of the west end of the station at bridge N.H. #1.56 over railroad at Washington Street; 5 feet south of the south rail in the center of the south abutment and about 3 feet above ground. A U.S.C. & G.S. standard bench mark disk, stamped "Q2-17.743-1923". Recovered in good condition February 1937.

Cottage Farm (Van Orden) (U.S.C. & G.S.) 10.075 feet
 On the B. & A. R.R., at Cottage Farm Bridge. A chiseled square, on the east end of the foundation of the north abutment. Recovered in good condition April 1939.

Second Order Bench Marks

M9CF 177.44 feet
 In the northwestern part of the town, in the grass plot in the center of Route #9, Boylston Street (Station 13 + 05); 212 feet west of the center of Hammond Street, opposite #1198 Boylston Street; 5.5 feet south of the face of the north curb of the center grass plot; 12.5 feet north of the face of the south curb of the center grass plot; 3.5 feet north of the center of the grass plot; 120 feet west of B.C.G.C. handhole (cast iron) and 85.6 feet east of catch basin on the north side of Boylston Street. A Mass. Dept. of Public Works standard traverse disk, stamped "M9CF", set in a concrete monument, the top of which is flush with the ground. September 1936.

M9CG 232.68 feet
 In the northwestern part of the town, about 3/4 mile west of Fisher Hill Reservoir, in the grass plot in the center of Route #9 (Boylston Street) Station 34 + 29, Brookline; 220 feet east of center line

BROOKLINE Second Order Bench Marks (Continued)

of Jefferson Road; 3.6 feet south of center line of Boylston Street; 5.4 feet north of the face of the south curb of the grass plot; 12.6 feet south of the face of the north curb of the grass plot; 31.8 feet southeast of drain manhole on south side of west bound traveled way and 50.4 feet northeast of hydrant on south side of Boylston Street. A Mass. Dept. of Public Works standard traverse disk, stamped "M9CG", set in a concrete monument, the top of which is flush with the ground. September 1936.

M9CH

224.78 feet

In the north central part of the town, about 1/2 mile west of Fisher Hill Reservoir, in the grass plot, on the center line of Route #9 (Boylston Street) Station 49 + 70, Brookline; 1085 feet west of Reservoir Road; 105 feet southeast of a hydrant on the north side of Boylston Street; 2.9 feet south of face of north curb of center grass plot and 3.1 feet north of face of south curb of center grass plot. A Mass. Dept. of Public Works standard traverse disk, stamped "M9CH", set in a concrete monument, the top of which is flush with the ground. September 1936.

M9CJ

179.78 feet

In the central part of the town, in the center grass plot of Route #9 (Boylston Street); 142 feet west of center line of Chestnut Hill Avenue; 4.6 feet south of center line of Route #9; 169 feet east of northeast corner of 2 1/2-story brick dwelling, #734 Boylston Street; 48.9 feet north of catch basin on south side of Route #9 near Heath Street; 49.2 feet south of catch basin on north side of Route #9 and 41.2 feet west of traffic signal in grass plot near crosswalk (at Station 74 + 40). A Mass. Dept. of Public Works standard traverse disk, stamped "M9CJ", set in a concrete monument, the top of which is flush with the ground. November 1936.

M9CK

140.15 feet

In the central part of the town, on the north side of Route #9 (Boylston Street); 513 feet west of Catlin Road; 39.2 feet north of center line of Route #9; 27.3 feet west of Zobdiel Boylston (Tercenary) sign; 9.4 feet south of center line of stone coping on retaining wall; 72 feet northeast of catch basin on west side of private drive and 4.2 feet north of face of curb. A Mass. Dept. of Public Works standard traverse disk, stamped "M9CK", set in a concrete monument, the top of which is flush with the ground. November 1936.

M9CL

111.75 feet

In the central part of the town, on the north side of Route #9 (Boylston Street); 246 feet west of the center line of Summer Road; 38.6 feet north of center line of Route #9; 73 feet west of hydrant; 10.5 feet southwest of east entrance post of retaining wall and 9.9 feet south of face of retaining wall (Station 100 + 80, Brookline). A Mass. Dept. of Public Works standard traverse disk, stamped

BROOKLINE Second Order Bench Marks (Continued)

"M9CL", set in a concrete monument, the top of which is flush with the ground. November 1936.

M9CM

100.59 feet

In the eastern part of the town, on the north side of Route #9 (Boylston Street); 62 feet west of center line of Philbrick Road; 26.8 feet north of center line of Route #9; 18.1 feet south of stucco wall; 109.2 feet east of hydrant and 17.6 feet west of catch basin on Boylston Street near Philbrick Road (Station 112 + 68, Brookline). A Mass. Dept. of Public Works standard traverse disk, stamped "M9CM", set in a concrete monument, the top of which is flush with the ground. November 1936.

M9CN

47.57 feet

In the eastern part of town, on the north side of Route #9 (Boylston Street); 51 feet east of the center line of Cameron Street; 38.5 feet north of the center line of Route #9; 11.5 feet north of face of curb and 5.1 feet south of the northedge of brick sidewalk. (Station 127 + 40, Brookline). A Mass. Dept. of Public Works standard traverse disk, stamped "M9CN", set in a concrete monument, the top of which is 20 inches below the sidewalk, in a Brookline Water Works cast iron shut-off box. November 1936.

M9CP

19.88 feet

In Village Square, on the north side of Route #9 (Boylston Street); 112 feet east of center line of Washington Street; 60 feet north of center line of Route #9; 2.6 feet southeast of southeast corner of #127 Boylston Street; 63 feet southwest of southwest corner of #123 Boylston Street; 9.5 feet north of manhole and 60.2 feet east of a hydrant. (Station 147 + 50 Brookline). A Mass. Dept. of Public Works standard traverse disk, stamped "M9CP", set in a concrete monument, the top of which is about 24 inches below the surface of a brick driveway, in a Brookline Water Works cast iron shut-off box. November 1936.

33B

170.27 feet

In the southwestern part of town, on the west side of Hammond Pond Parkway, in the edge of woods; approximately 2570 feet south of junction with Worcester Turnpike; 52.9 feet south of last post in a wood post and guard rail fender; 76.5 feet southeast of a sewer manhole and about 61.4 feet from the center line of highway. (Abreast of Station 21 + 64, Hammond Pond Parkway, 1932 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33B", set in a concrete monument, flush with the ground. December 1937.

33C

181.02 feet

In the southwestern part of the town; 1000 feet northwest of the municipal golf club house, in the northwest corner of the northwest triangular grass plot, at junction of Hammond Pond Parkway and the

BROOKLINE Second Order Bench Marks (Continued)

Horace James Circle, at the center of the curved north end of the grass plot and 247.4 feet north of a granite bound in the large circular grass plot at center of the circle. (Abreast of Station 1 + 94, Hammond Pond Parkway, 1932 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33C", set in a concrete monument, flush with the ground. December 1937.

33D 204.29 feet
In the southwestern part of the town, on the east side of the West Roxbury Parkway; 425 feet northwest of the Municipal Golf Clubhouse, near the northwest corner of the club parking space; 33.7 feet east of the center line of highway; 61.3 feet northeast of a concrete guard rail post; 63.4 feet north from a 24-inch ash tree and 64.9 feet northeast of a drill hole in ledge in center of grass plot. (Abreast of Station 153 + 24 West Roxbury Parkway 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33D", set in a high part of ledge, 5 feet above highway surface. December 1937.

33E 185.07 feet
In the southwestern part of the town, on the west side of the West Roxbury Parkway; 500 feet south of the Municipal Golf Clubhouse; 30.5 feet west of the center line of highway; 34.4 feet north of the north corner of west portal of a concrete culvert and 29 feet northeast from a 24-inch elm tree in rising embankment to high level Newton Street. (Abreast of Station 145 + 00, West Roxbury Parkway, 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33E", set in a concrete monument, flush with the ground. December 1937.

33F 231.48 feet
In the southwestern part of the town, on the east side of West Roxbury Parkway; 100 feet north of junction with South Street; 6.5 feet east of edge of ledge; 2 feet west of rustic fence; 26 feet west of the southwest corner of a 1 1/2 story stucco house, #33 and 15 feet south of an 8-inch oak tree. (Abreast of Station 127 + 80, West Roxbury Parkway, 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33F", set on sloping edge of a ledge, 13.5 feet above level of street. December 1937.

33G 225.70 feet
In the southwestern part of the town, on the west side of the West Roxbury Parkway; 240 feet south of the junction with South Street; 6 feet southwest of the edge of ledge; 70.1 feet southeast from the southeast corner of brick house, #62 South Street; 74.8 feet southeast from southeast corner of a brick garage and 26.3 feet northeast of high point of ledge. (Abreast of Station 123 + 68, West Roxbury Parkway, 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33G", set in a high ledge, 15 feet above the surface of roadway. December 1937.

BROOKLINE Second Order Bench Marks (Continued)

- 33H 178.62 feet
In the southwestern part of the town, in the northeast corner of the junction of West Roxbury Parkway and Grove Street; 1.4 feet northwest of the Grove Street curb; 37.7 feet southwest of a square handhole of the B.C.G.C. in Grove Street; 56.8 feet north of a sewer manhole and 99.3 feet northeast of a waterworks square handhole. (Abreast of Station 114 + 36, West Roxbury Parkway, 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33H", set in a concrete monument. December 1937.
- 33J 204.52 feet
In the Walnut Hill section of the town, in the corner of enclosed picket fence of #909 West Roxbury Parkway, on the east side of street; 3 feet east from fence running north and south; 3.3 feet north of fence running east and west; 31.3 feet west of the southwest corner of a brick house and 52.6 feet south of its northwest corner. (Abreast of Station 102 + 58, West Roxbury Parkway 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33J", set in a high ledge, about 18 feet above highway level and 3 inches below lawn. August 1938.
- 33K 150.12 feet
In the southwestern part of the town, on lawn in front of #819 West Roxbury Parkway, on east side of road; 31.4 feet southwest from the northwest corner of a 1 1/2 story wood frame house; 43.8 feet northwest from its southwest corner and 16.2 feet south of a stone highway bound, also set in lawn. (Abreast of Station 91 + 84, West Roxbury Parkway, 1934 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33K", set in a small ledge outcrop, about 8 inches above lawn surface. August 1938.
- 33BA 157.43 feet
In the southwestern corner of the town, in the southeast end of central grass plot of the Veterans of Foreign Wars Parkway, at the junction with South Street; 33.9 feet southwest of point of tangent of curb on northerly side of grass plot; 13 feet northwest of point of tangent on south side of grass plot and 15.2 feet southeast of end of grass plot. (Abreast of Station 12 + 96, Brookline, 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "33BA", set in a concrete monument, about 2 inches below the ground. January 1938.
- 39C 45.92 feet
In the eastern part of the town, at St. Mary's Church, on the east side of Harvard Street; 97 feet north of the center of Linden Street; 51.3 feet east of the center line of Harvard Street; 12.4 feet west of face of buttress pilaster at east end of parapet and 21.7 feet south of center of doorway to tower. A Mass. Dept. of Public Works standard traverse disk, stamped "39C", set in the brown stone coping on the south parapet at the top of the landing of the Harvard Street

BROOKLINE Second Order Bench Marks (Continued)

entrance to St. Mary's Church, the top of which is about 9 feet above the sidewalk. 1937.

89D

32.47 feet

In the eastern part of the town, on the west side of Harvard Street; 165 feet south of center line of Auburn Street; 28.4 feet west of center line of Harvard Street; 3.9 feet west of face of curb; 44 feet northeast of southeast corner of two-story frame dwelling, #124 and 39.9 feet east of northeast corner of same dwelling. A Mass. Dept. of Public Works standard traverse disk, stamped "89D", set in a concrete monument, the top of which is 1.6 feet below the tar concrete sidewalk in a cast iron shut-off box, marked "W.W". 1937.

89F

52.46 feet

At Coolidge Corner, on the southeast corner of junction of Beacon and Harvard Streets; 31 feet east of center line of Harvard Street; 80 feet south of center line of Beacon Street; 14.3 feet west of northwest corner of entrance to #1319 Beacon Street (Norfolk County Trust Building); 12.2 feet northwest of southwest corner of this entrance and 3.3 feet east of face of curb. A Mass. Dept. of Public Works standard traverse disk, stamped "89F", set in a concrete monument, 1.6 feet below sidewalk in a cast iron shut-off box marked "W.W". 1937.

89G

58.88 feet

In the northeastern part of the town, on the lawn of the Devotion School, on the northeast side of Harvard Street; 45.1 feet northeast of center line; 54 feet southeast of center line of Shailer Street; 148 feet northwest of the southwest corner of #335 Harvard Street (a two-story brick store); 91 feet west of southwest corner of east building of Devotion School; 17.7 feet northeast of face of curb and 69.9 feet east of hydrant. A Mass. Dept. of Public Works standard traverse disk, stamped "89G", set in a concrete monument, the top of which is 3 inches below the ground. 1937.

T.B.M. #4043

111.04 feet

At Reservoir Park, at the southwest corner of the intersection of Boylston and Warren Streets and Sumner Road, at the foot of the entrance to the gatehouse; 5.8 feet south of curbstone and 0.8 foot south of the north edge of granite landing. The west shoe scraper of the outer pair and the horn nearer the street, 0.6 foot above level of landing. November 1936.

T.B.M. #4046

26.99 feet

In Village Square, on the front of fire station "A" (on the north side of building); 53.8 feet east of northwest corner of building (at High Street); 22.6 feet west of northeast corner of building and 3.5 feet above the sidewalk and at the east edge of the most easterly engine door. The apex of the concrete base. November 1936.

BROOKLINE Second Order Bench Marks at Water Supply Units

68E-62

186.88 feet
About 2.3 miles southwest of town hall, at #311 Newton Street, opposite Grove Street. A monel rivet, set at west end of sill of main south door of High Service pumping station. June 1937.

Ref. BM 68E-62A

187.75 feet
A monel rivet, set in a ledge outcrop; 31 feet west of northwest corner of High Service pumping station and 38.5 feet northwest of west end of brick wall at southwest corner of High Service pumping station.

Ref. BM 68E-62B

187.75 feet
A monel rivet, set on concrete wall of coal pocket; 17.9 feet southwest of northwest corner of boiler room of High Service pumping station and 34 feet northeast of northeast corner of ell in rear of pumping station.

68E-63

196.70 feet
About 1.5 miles west of town hall, at #109 Reservoir Road. A monel rivet, set at southwest end of sill of southeast door of Booster pumping station at rear of Fire Station #4. June 1937.

Ref. BM 68E-63A

193.44 feet
A monel rivet, set on concrete retaining wall; 20.6 feet east of east corner of Booster pumping station and 32.8 feet east of BM 68E-63.

Ref. BM 68E-63B

203.51 feet
A monel rivet, set in granite property bound in sidewalk, at northeast corner of Boylston Street and Reservoir Road; 5.4 feet southwest of iron corner fence post; 8 feet northeast of edge of curb and 23.2 feet northwest of fire alarm post.

68E-64

354.42 feet
About 1.7 miles west of town hall, on Single Tree Hill, at rear of Christian Science Benevolent Association at #910 Boylston Street. A monel rivet, set on east side of top concrete step of flight of steps leading to top of covered reservoir from service drive on Single Tree Hill. June 1937.

Ref. BM 68E-64A

339.81 feet
A monel rivet, set in concrete base on west side of standpipe, at north side of High Service Reservoir and 15 feet northeast of east concrete post, at bottom of flight of steps leading to reservoir top.

Ref. BM 68E-64B

345.82 feet
A monel rivet, set on top of first concrete post in retaining wall, west of flight of concrete steps leading to top of High Service Reservoir and 15.5 feet southwest of west concrete post at bottom of steps.

BROOKLINE Supplementary Data (Continued)

	Elevation
68E-65 <u>FISHER HILL RESERVOIR</u>	
Reservoir manhole 2 (170 ft. x 340 ft. x 25.56 ft.)	250.06
(110 ft. x 110 ft. x 25.56 ft.)	250.06
Fill level (combined capacity 7.5 m.g. High Service)	244.03

Metropolitan Water Supply

The town of Brookline is connected with the Metropolitan Water Supply. The Metropolitan District Commission Water Division in its report for the year 1936 states that the average daily consumption from this source was 184,000 gals.

CANTON

First Order Bench Marks

11BG 152.676 feet
In the southwestern part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); 381 feet southwest of the center line of High Street bridge #16.14; 13.8 feet east from east rail of east track and 8.7 feet east of east retaining wall. A U.S.C. & G.S. and State Survey standard disk, stamped "11BG-152.676", set in a concrete monument, 3 feet above rails. October 1937. Recovered in good condition February 1940.

11BH 124.898 feet
In the southwestern part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); about 2600 feet north of High Street overpass; 195 feet north from Ray's Crossing, west of Norfolk Street; 8.6 feet east of east rail of east track and 425 feet south from milestone B-15. A U.S.C. & G.S. and State Survey standard disk, stamped "11BH-124.898", set in a concrete monument, flush with the ground. October 1937. Recovered in good condition February 1940.

11BJ 117.374 feet
In the southwestern part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); 1500 feet south of the railroad station; 160 feet south of the face of the south abutment of viaduct #15.35 over Neponset Street; 9 feet east of east rail of east track and 1 foot south of south side of second house on Neponset Street, from the viaduct. A U.S.C. & G.S. and State Survey standard disk, stamped "11BJ-117.374", set in a concrete monument, flush with the ground. October 1937. Recovered in good condition February 1940.

11BK 107.847 feet
In the southwestern part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); 471 feet northeast of the face of the northeast abutment of viaduct #15.35 over Neponset Street; 7.6 feet east from east rail of east track and 100 feet north of semaphore. A U.S.C. & G.S. and State Survey standard disk, stamped "11BK-107.847", set in a concrete monument, flush with the surface of the ground. October 1937. Recovered in good condition February 1940.

11BM 47.198 feet
In the western part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); 781 feet south of its intersection with Dedham Street; 15.7 feet west of west rail of west track and 6.5 feet east of west right-of-way fence. A U.S.C. & G.S. and State Survey standard disk, stamped "11BM-47.198", set in a concrete monument, flush with the ground. July 1936. Recovered in good condition February 1940.

CANTON First Order Bench Marks (Continued)M128E

195.583 feet

In the northern part of town, at the intersection of Blue Hill Street (Route #138) with Washington Street (Route #138), (at Station 00 + 25, Canton, 1931 layout), in the east grass plot; 5.5 feet east of the edge of the west curb; 32 feet west of the east corner and 10 feet northeast of the southwest corner of the triangle. A U.S.C. & G.S. and State Survey standard disk, stamped "M128E-195.583", set in a concrete monument, 5 inches above the ground. July 1936. Recovered in good condition February 1940.

M128F

183.085 feet

In the northern part of the town, on Blue Hill Street; 40 feet south of the center line (at Station 249 + 45.40, Canton, 1931 layout); about 2255 feet east of Green Street; 1640 feet west of Washington Street; 79.8 feet south of a Massachusetts highway bound, on north side of highway and 90.6 feet southeast of a manhole. A U.S.C. & G.S. and State Survey standard disk, stamped "M128F-183.085", set in a concrete Massachusetts highway bound, the top of which is 6 inches above the ground. July 1936. Recovered in good condition February 1940.

M128G

140.584 feet

In the northern part of the town, on the north side of Blue Hill Street (Route #128); 40.5 feet from the center line (at Station 259 + 18, Canton, 1931 layout); about 1270 feet east of Green Street; 79.8 feet north of a Massachusetts highway bound, on the south side of highway and 58.5 feet northeast of a manhole. A U.S.C. & G.S. and State Survey standard disk, stamped "M128G-140.584", set in a concrete Massachusetts highway bound, 4 inches above the surface of the ground. July 1936. Recovered in good condition February 1940.

M128H

50.593 feet

In the northern part of the town, at the junction of Blue Hill Street (Route #128) and Green Lodge Road (at Station 287 + 75, Canton, 1931 layout); 2400 feet southeast of the N.Y., N.H. & H. R.R. bridge #11.70, in the southeast corner of grass plot; 2 feet from the south curb and 12 feet northwest of the south corner. A U.S.C. & G.S. and State Survey standard disk, stamped "M128H-50.593", set in a concrete monument, about 3 inches above the ground. July 1936. Recovered in good condition February 1940.

M128CA

184.956 feet

In the northern part of the town, on the south side of Blue Hill Street (Route #128); 30.6 feet from the center line; about 1420 feet east of Washington Street (Route #138); 111.3 feet east of center of a hydrant near a driveway; 57.1 feet northeast of the northeast corner of the west granite gate post of driveway; 30.1 feet southeast of the center of header of catch basin on the south side of road; 15.5 feet south of the outer face of curb; and 3 feet north of a

CANTON First Order Bench Marks (Continued)

stone wall. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CA-184.956", set in a concrete monument, 8 inches below the surface of the ground. July 1936. Recovered in good condition March 1940.

M138A

239.004 feet

In the northeastern part of the town, on the east side of Washington Street (Route #138), north of top of First Hill (at Station 202 + 04); 0.6 mile south of intersection of Route #128; about 430 feet northeast of Canton water tank; 56.3 feet north of center of driveway opposite entrance to Cabot's estate; 10.2 feet east of edge of paved roadway; 33.6 feet southeast of pole #48/289 and 7.4 feet southwest of an 18-inch tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M138A-239.004", set in a concrete monument, flush with the ground. July 1936. Recovered in good condition February 1940.

M138WA

200.896 feet

In the northeastern part of town, on the west side of Canton Avenue (Route #138); 27.5 feet from the center line (at Station 239 + 88, Canton, 1931 layout); about 620 feet north of the intersection with Blue Hill Street (Route #128) and 39.6 feet northwest of telephone pole. A U.S.C. & G.S. and State Survey standard disk, stamped "M138WA-200.896", set in a granite Massachusetts highway bound, 1 foot above the ground. July 1936. Recovered in good condition February 1940.

T.B.M. #102

150.857 feet

In the southwest corner of the town, on the northwest side of the N.Y., N.H. & H. R.R. (shore line); 670 feet southwest of bridge #16.14 (railroad under High Street) and 5.8 feet northwest of the northwest rail. A copper plug, set in shelf in ledge. October 1937.

T.B.M. #264

143.492 feet

In the southern part of the town, on the east side of the N.Y., N.H. & H. R.R. (Boston Division) bridge #1.64. A chiseled square, on the east granite capstone. February 1936.

A15

202.861 feet

In the southern part of town, on the north side of Hillside Avenue; 86 feet north of stone wall on south side of the avenue (at Station 2 + 50 - 55 feet left - Hillside Avenue) and 250 feet from center line of Washington Street. A chiseled square, in the top ledge outcrop. July 1936.

H21

106.913 feet

In the center of the town, northwest of Washington Street, on the northeast side of the N.Y., N.H. & H. R.R. (Boston Division) station,

CANTON First Order Bench Marks (Continued)

in the southeast entrance. A chiseled square, on the south corner of stone threshold. February 1936.

AB21 ~~MAIN ENTRANCE HAS BEEN MOVED~~ ^{109.80} ~~111.591~~ feet
 In the center of the town, on the west side of Washington Street, at main entrance to the high school. A Mass. Dept. of Public Works standard bench mark disk, stamped "AB21-111.591", set on top of buttress, on the south side of steps. February 1936.

AC21 ^{OK 1991} 126.827 feet
 In the center of the town, on the corner of Washington and Sherman Streets, at the main entrance to Memorial Hall. A Mass. Dept. of Public Works standard bench mark disk, stamped "AC21-126.827", set on the top of buttress, on the southwest side of steps. February 1936.

P (U.S.C. & G.S.) 94.311 feet
 About 0.25 mile north of Canton Junction, on the N.Y., N.H. & H. R.R. (shore line); 193 feet north of the north corner of west abutment of bridge #14.76 at Chapman Street; 8 feet east of the west rail and 1.5 feet above the ground in the side of a rock cut. A U.S.C. & G.S. standard bench mark disk, stamped "P-1923-94.311". Redetermined by the Massachusetts Geodetic Survey in February 1936. Recovered in good condition February 1940.

R (U.S.C. & G.S.) 48.370 feet
 Near the Dedham road crossing of the N.Y., N.H. & H.R.R. (shore line); 332.5 feet north of milepost B-12, at bridge #12.77 over the Neponset River, on the southeast end of the southwest abutment and 8 feet southeast of the southeast rail. A U.S.C. & G.S. standard bench mark disk, stamped "R-1923-48.370". Redetermined by the Massachusetts Geodetic Survey in September 1937. Recovered in good condition February 1940.

Second Order Bench Marks

11BL 50.86 feet
 In the western part of the town, on the N.Y., N.H. & H. R.R. (Providence Division); 2243 feet south from Dedham Street; 12.8 feet west from west rail of west track and 12.2 feet east from west right-of-way fence. A U.S.C. & G.S. and State Survey standard disk, stamped "11BL", set in a concrete monument, flush with the surface of the ground. August 1935.

M138B 222.45 feet
 In the northeastern part of the town, on the west side of Washington Street (Route #138), (at Station 190 + 91); about 2000 feet north of Turnpike Street intersection; 265 feet south of Ponkapoag Christian Union; 28 feet south of Massachusetts highway bound, marking point of intersection of curve, in center of driveway; 56.4 feet southwest of

CANTON Second Order Bench Marks (Continued)

opposite Massachusetts highway bound; 6.1 feet west of outside of curb; 11.5 feet northwest of center of hydrant and 23.3 feet north-east of a 12-inch maple. A U.S.C. & G.S. and State Survey standard disk, stamped "M138B", set in a concrete monument, 6 inches below the surface of the ground. March 1935.

M138C

142.14 feet

In the northeastern part of the town, on the west side of Turnpike Street (Route #138), (at Station 170 + 50), in grass plot at the intersection of Washington Street; 29.8 feet north of a pole in grass plot; 12.7 feet south of inside edge of curb at north end of grass plot; 6.4 feet west of inside of curb on east side of grass plot and 5.6 feet southeast of route sign post in grass plot. A U.S.C. & G.S. and State Survey standard disk, stamped "M138C", set in a concrete monument, flush with the ground. March 1935.

M138D

202.05 feet

In the northeastern part of the town, on the east side of Turnpike Street (Route #138), at top of hill (at Station 138 + 02); about 450 feet north of Randolph Street; 59.8 feet southwest of southwest corner of garage; 100.8 feet northwest of northwest corner of house; 50.5 feet southeast of pole #79 and 10.7 feet east of edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138D", set in a concrete monument, the top of which is 6 inches below the ground. March 1935.

M138E

184.73 feet

In the northeastern part of the town, on the west side of Turnpike Street (Route #138), at intersection of Randolph Street (at Station 133 + 43); 68.8 feet northeast of hydrant; 43.7 feet southeast of southeast corner of electromatic control box; 2 feet south of base of traffic light; 4 feet northeast of inside of southwest curb and one foot west of inside of east curb. A U.S.C. & G.S. and State Survey standard disk, stamped "M138E", set in a concrete monument, flush with the ground. March 1935.

M138F

199.57 feet

In the northeastern part of the town, on the west side of Turnpike Street (Route #138), (at Station 122 + 54); 1100 feet south of Randolph Street; 57.4 feet southwest of center of hydrant; 49.3 feet west of pole #79/148 and 11 feet west of west edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138F", set in a concrete monument flush with the ground. March 1935.

M138G

184.13 feet

In the eastern part of the town, on the east side of Turnpike Street (Route #138), (at Station 80 + 40); about 1 1/2 miles north of Canton-Stoughton town line; 121 feet south of cart path between ledges, 176 feet southeast of Massachusetts highway bound, on opposite side

CANTON Second Order Bench Marks (Continued)

of road and 10.9 feet east of edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138G", set in a large ledge, 4 feet above the road. March 1935.

M138H

164.60 feet

In the southeastern part of the town, on the west side of Turnpike Street (Route #138), (at Station 59 + 75); about 1 1/8 miles north of Canton-Stoughton line; 50.3 feet north of pole #79/92; 29.8 feet southwest of concrete end post in highway fence and 13.9 feet west of west edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138H", set in a flat rock, approximately 8 inches in diameter and about one inch above the surface of the ground. March 1935.

M138J

192.80 feet

In the southeastern part of the town, on the west side of Turnpike Street (Route #138), (at Station 40 + 80); 0.8 mile north of the Canton-Stoughton line; 10.4 feet north of a 4-inch oak; 44.7 feet southwest of pole #9370 and 30.4 feet west of edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138J", set in high point of large ledge, approximately 12 feet above highway. March 1935.

M138K

190.71 feet

In the southeastern part of the town, on the east side of Turnpike Street (Route #138), (at Station 4 + 60); 460 feet north of the Canton-Stoughton town line; 87.1 feet south of southwest corner of house; 80 feet east of northeast corner of house across the road; 51.8 feet north of northwest corner of Green Lantern filling station and 13 feet east of edge of concrete road slab. A U.S.C. & G.S. and State Survey standard disk, stamped "M138K", set in a concrete monument, 6 inches below the ground. March 1935.

M138WBA

238.87 feet

In the northeastern part of the town, on the west side of Washington Street (Route #138); 27.5 feet from the center, on the Canton-Milton town line; about 2100 feet south of the intersection with Brush Hill Road, in Milton and 79.3 feet northwest of a granite Massachusetts highway bound, on the east side of the highway, also marking the town line. A U.S.C. & G.S. and State Survey standard disk, stamped "138WBA", set in a granite Massachusetts highway bound, one foot above the ground. May 1934.

T.B.M. #765

60.57 feet

About 2 miles north of the station, on the east side of the N.Y., N.H. & H. R.R. (shore line); 831 feet north of milepost #B13 and 12 feet east of the east rail. A copper plug, set in a ledge. February 1936.

CANTON Second Order Bench Marks (Continued)

T.B.M. Neponset River #20A 63.25 feet
About 1 mile northeast of Canton Junction, on the east side of the N.Y., N.H. & H. R.R. (shore line). The northeast bolt, in the base of block signal tower #215.11. August 1935.

T.B.M. Neponset River #20B 85.37 feet
About 1/2 mile west of Canton Junction, on the northeast side of Neponset Street, at the end of a curve from Chapman Street. A white painted square, on west corner of stone bound. August 1935.

T.B.M. Neponset River #21 50.93 feet
About 1.25 miles northeast of Canton Junction, on the bridge carrying Neponset Street over the Neponset River. A monel rivet, set in the top of the west end of the south abutment. August 1935.

C133 (U.S.G.S.) 182.21 feet
In the eastern part of the town, on the east side of Turnpike Street (Route #138), (at Station 82 + 14); 22 feet east of the east edge of concrete road slab; 94 feet east of a Massachusetts highway bound and 53 feet north of center of cart path. A U.S.G.S. standard disk, stamped "C133", set in a ledge, one inch above the ground. March 1935.

C134 (U.S.G.S.) 208.03 feet
In the northeastern part of the town, on the east side of Washington Street (Route #138); 80 feet from the center line and 100 feet north of the intersection of Blue Hill Street (Route #128), on the north side of "Skyline Trail". A U.S.G.S. standard disk, stamped "C134", set in southeast end of ledge. May 1934.

Bench Marks at Water Supply Units

68H-8 221.75 feet
About 0.70 mile southwest of Canton; 0.40 mile southeast of High Street bridge over railroad; 750 feet south of center line of High Street; 250 feet west of center line of Tolman Street; 100 feet southwest of a hydrant and 1.2 feet east of face of tank. A monel rivet, set in top course of concrete foundation over south end of door, on easterly side of Canton standpipe. April 1936.

Ref. BM 68H-8A 223.33 feet
A monel rivet, set in concrete atop of outcrop ledge, just south of old stone tank; 18.8 feet south of center line of old foundation; 10.9 feet north of face of steel tank and 23 feet north of BM 68H-8B.

Ref. BM 68H-8B 219.80 feet
A monel rivet, set in concrete atop of low course of concrete foundation, on westerly side of steel tank; 2.2 feet west of face; 29.8 feet southwest of BM 68H-8A and 121.7 feet south of most southwesterly concrete fence post.

ADJUSTED BENCH MARKS

CANTON Second Order Bench Marks at Water Supply Units (Continued)

68H-9

About 1.20 miles southeast of Canton Center; 1000 feet southwest of intersection of Pine and Boliver Streets; 200 feet east of Springdale depot; 120 feet northeast of northeast rail; 56 feet northeast of center line of Pine Street and 20 feet northeast of west corner of pumping station. A monel rivet, set in concrete atop east end of granite doorstep, at north side of Springdale pumping station. April 1936. 138.85 feet

Ref. BM 68H-9A

A monel rivet, set atop of northerly concrete apron, at entrance to garage; 72.4 feet northeast of northeast rail; 1 foot southwest of face of garage and 8.9 feet southeast of west corner of garage. 144.14 feet

Ref. BM 68H-9B

A monel rivet, set atop of granite doorsill at southeast end of pumping station; 33.2 feet north of west corner of garage; 12.5 feet west of north corner of garage and 8.4 feet southwest of northeast corner of pumping station. 138.34 feet

68H-10

About 1 3/4 miles north of Stoughton; 1800 feet due west of Route #138 at Green Lantern filling station; 57.4 feet east of a hydrant; 21 feet northwest of a granite bound which is flush with the ground; 59.4 feet east of a pole and 3.1 feet east of southwest corner of pumping station. A monel rivet, set in west end of concrete doorsill on the south side of Ward Well pumping station, north of Canton-Stoughton town line. April 1936. 164.53 feet

Ref. BM 68H-10A

A monel rivet, set in concrete foundation; 0.4 foot east of stack on east side of pumping station and 18.9 feet north of granite bound, which is flush with the ground. 164.51 feet

Ref. BM 68H-10B

A monel rivet, set in concrete atop of a boulder; 65.5 feet east of BM 68H-10A; 67.6 feet east of southeast corner of pumping station and 68.5 feet east of granite bound, which is flush with the ground. 166.25 feet

68H-32

About 3.5 miles north from Canton town hall, in the northeastern part of the town of Canton; 1600 feet north from intersection of Greenlodge Street and Route #138; 87 feet southwest of southeast corner of schoolhouse, #438 and 125 feet west from center line of Route #138. A chiseled square, cut in top of standpipe foundation on east side, about 4 inches above grade. January 1937. 239.41 feet

CANTON Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68H-32A 241.66 feet
 A chiseled cut, in top of flag pole foundation, about 2 inches above grade; 17.9 feet north from southeast corner of schoolhouse and 105 feet northeast from BM 68H-32.

Ref. BM 68H-32B 239.004 feet
 (Same as U.S.C. & G.S. and State Survey standard disk, "MB8A").
 (First Order)

Supplementary Data

	Elevation
<u>68H-8 TOLMAN STREET STANDPIPE</u>	
Top of foundation (Dia. 35 ft., Ht. 98 ft.)	221.75
Overflow (Capacity 702,000 gals.)	319.75
<u>68H-9 SPRINGDALE PUMPING STATION (Old)</u>	
Pumping station floor	134.19
Wells G.L. (19 driven, dia. 2 1/2 in., 25 ft.)	137.18
Seasonal variation in well water level unavailable	
Dug well (Dia. 35 ft., Depth 20 ft.)	137.03
Seasonal variation in well water level unavailable	
<u>68H-10 WARD WELL PUMPING STATION (New)</u>	
Pumping station floor	164.53
Dug well (Dia. 40 ft., Depth 24 ft.)	166.70
Seasonal variation in well water level unavailable	
<u>68H-31 HENRY SPRINGS PUMPING STATION (Stoughton)</u>	
Pumping station floor (An auxiliary unit)	181.91
Dug well (Dia. 40 ft., Depth 21 ft.)	184.74
Seasonal variation in well water level unavailable	
<u>68H-32 NORTH CANTON STANDPIPE</u>	
Top of foundation (Dia. 35 ft., Ht. 79 ft.)	239.41
Overflow (Capacity 568,000 gals.)	318.41

ADJUSTED BENCH MARKS

COHASSET

First Order Bench MarksT.B.M. #184

21.531 feet
In Beechwood, on the N.Y.,N.H.& H. R.R. (Boston Division); 142 feet south of south side of Beechwood station and 32 feet west of west rail. A chiseled square, in the top of a ledge outcrop. January 1937.

T.B.M. #185

37.965 feet
At the Black Rock station of the N.Y.,N.H.& H. R.R. (Boston Division); 36 feet west of center line of King Street and 25 feet south of south rail. A chiseled square, in the top of a boulder. January 1937.

T.B.M. #3079

13.242 feet
In the southeast angle of the intersection of Pleasant Street and the N.Y.,N.H.& H. R.R. (Boston Division); 7 rails south of the Pleasant Street crossing; 138 feet southeast of a switch stand; 48 feet east of the east rail and 14 feet south of a foot path. An iron bolt, projecting 1/2 inch from the center of a 20-inch square cement foundation block, 18 inches above the ground. January 1937.

L16

14.072 feet
On the southwest side of Cohasset station of the N.Y.,N.H.& H. R.R. (Boston Division). A chiseled square, in east corner of granite threshold of the most southeasterly entrance to station. January 1937.

Second Order Bench MarksM3ACSI

32.66 feet
In the southern part of Cohasset on Route #3A, on the Cohasset-Scituate town line; 41.4 feet west of center line of highway measured along town line; 20.6 feet southwest of town line post; 19.1 feet southeast of end post of guard rail and 9.1 feet southeast of end of concrete culvert on same side. A U.S.C. & G.S. and State Survey standard disk, stamped "M3ACSI", set in a Massachusetts highway bound. June 1936.

M3AHC1

43.85 feet
In the northwestern part of Cohasset on Route #3A, on the Hingham-Cohasset town line, inside the gate near the entrance to Whitney Woods, on apparent street line; 267.3 feet southwest of Massachusetts highway bound, on the north side of Route #3A along town line and 174.8 feet southwest of center line of highway along town line. A U.S.C. &

COHASSET Second Order Bench Marks (Continued)

G.S. and State Survey standard disk, stamped "M3AHCl", set in a Massachusetts highway bound. August 1934.

M3A4 41.61 feet
On the south side of Route #3A, near the Cohasset-Hingham town line; 2050 feet east of Whitney Road, a dirt road leading into Whitney Woods; 200 feet west of the center line of a concrete culvert; 40 feet south of center line of Route #3A; 27.7 feet northwest and 7.8 feet northeast, respectively from nails in two trees on south side of road. (Abreast of Station 18 + 00). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A4", set in a Massachusetts highway bound. April 1935.

M3A5 39.83 feet
About 0.3 mile northwest of King Street, on the north side of Route #3A; 80 feet north of a Massachusetts highway bound on south side of road; 64.4 feet southeast of a tree on west side of driveway on north side of road; 43.1 feet southeast of a tree on east side of same driveway and 32.4 feet west from north end of culvert. (Abreast of Station 29 + 21.2). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A5", set in a Massachusetts highway bound. April 1935.

M3A6 38.88 feet
On the north side of Route #3A; 740 feet west of King Street; 422 feet west of Crocker Lane; 90.5 feet northeast of the southeast corner of south end of culvert; 80 feet northeast of a Massachusetts highway bound across the road; 42.1 feet east of northeast corner of north end of culvert; 39 feet northeast of the center line of road; 20.9 feet southeast of a nail in a tree; 10.4 feet south of a nail in another tree and 9.8 feet west of a nail in a third tree. (Abreast of Station 37 + 00). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A6", set in a Massachusetts highway bound. May 1934.

M3A7 41.48 feet
On the north side of Route #3A, near junction with King Street; 96.4 feet north and 66 feet northwest respectively of ends of culvert; 86.2 feet north of catch basin on south side of road; 65.2 feet east of grass plot; 45 feet northeast of center line of road; 22.3 feet east of water gate; 12.5 feet south of telegraph pole and 8.8 feet southeast of a large maple tree. (Abreast of Station 46 + 85.) A U.S.C. & G.S. and State Survey standard disk, stamped "M3A7", set in a concrete monument, 2 inches above the ground. May 1934.

M3A8 96.29 feet
On the southwest side of Route #3A, about 0.3 mile south of northerly intersection of King Street; 63.2 feet northwest of catch basin; 41.2 feet southeast of a Massachusetts highway bound; 39.7 feet north of center line of private driveway; 25 feet southeast of a tree; 19.6 feet west of an 18-inch twin ash tree and 3 feet northeast of a

COHASSET Second Order Bench Marks (Continued)

stone wall. (Abreast of Station 61 + 41). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A8", set in a large boulder, about 10 feet above highway. May 1935.

M3A9

87.67 feet
On the west side of Route #3A, near the westerly intersection of King Street; 208 feet south of the intersection of highway center lines; 62 feet southwest of wire fence on east side of highway; 50.7 feet southeast of a catch basin; 38.9 feet north of a tree; 37 feet north of corner of stone wall and 29.1 feet northwest of a pole. (Abreast of Station 75 + 35). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A9", set in a concrete monument, 1 foot below the ground. March 1936.

M3A10

63.33 feet
On the northeast side of Route #3A, about 0.3 mile northwest of Beechwood Street, in center of gateway in wire fence; about 211 feet southeast from the end of stone wall joining wire fence; 80 feet northeast of a Massachusetts highway bound, which is across road and 15.2 feet northwest of end of stone wall. (Abreast of Station 118 + 60). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A10", set in a Massachusetts highway bound. April 1935.

M3A11

75.59 feet
On the west side of Route #3A; 726 feet northwest of Beechwood Street; 64.4 feet west and 42.5 feet northwest, respectively of end of a culvert; 40.5 feet north of a tree; 20.2 feet northeast of wire fence; 18.8 feet southeast of a tree and 2 feet southwest of edge of pavement. (Abreast of Station 129 + 0.5). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A11", set in a concrete monument, 1 foot below the ground. May 1935.

M3A12

70.65 feet
On east side of Route #3A; 300 feet south of Beechwood Street; 217 feet east of a Massachusetts highway bound, on west side of road; 117 feet northwest of southwest end of culvert; 103 feet northwest of northeast end of same culvert; 56 feet south of a 14-inch oak tree; 36.8 feet southwest of a twin maple and 20.6 feet northeast of center line of Route #3A. (Abreast of Station 138 + 93). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A12", set in a concrete monument, 12 inches below surface of the ground. June 1934.

M3A13

57.12 feet
On west side of Route #3A; 1845 feet northwest of the Cohasset-Scituate town line; 1013 feet southeast of Beechwood Street; 147 feet northwest of the end of a stone wall; 51.2 feet north of an 8-inch elm and 4.6 feet northeast of a wire fence. (Abreast of Station 145 + 0.6). A U.S.C. & G.S. and State Survey standard disk, stamped "M3A13", set in a ledge, about 3 feet above highway. April 1935.

COHASSET Second Order Bench Marks (Continued)

T.B.M. #2368 93.84 feet
In Beechwood, in the grass reservation, at the junction of Beechwood and King Streets; 81 feet south of a Massachusetts highway bound on the east side of King Street; 70.4 feet east of southeast corner of house, #63 King Street and 21.7 feet west of pole #26-1. A chiseled square, in a granite outcrop. July 1936.

T.B.M. #2883 11.82 feet
At the North Cohasset post office, near the Hull-Cohasset town line, on the southeast side of Hull Street. A chiseled square, on the northeast corner of step to post office. August 1939.

T.B.M. #2884 39.35 feet
On the south side of N.Y., N.H. & H. R.R.; 350 feet east of intersection of North Main Street and railroad at Whitney's Crossing; 44.9 feet southeast of Cohasset-Hingham town line signpost; 30.5 feet south of a block signal on the north side of railroad tracks and 5.8 feet south of south rail. A chiseled square, cut in northwest corner of base of a railroad block signal. August 1939.

Cores, 1933 166.91 feet
In the east central part of Cohasset, known as Bear Hill, on top of embankment at northwest corner of Cohasset Reservoir; 85.2 feet northwest of Reference Mark #2 which is set in top of highest granite slab step leading to door of gatehouse; 72.9 feet south of Reference Mark #1, set in a large boulder and 50.5 feet northeast of Reference Mark #3, set in a boulder. A U.S.C. & G.S. standard disk, stamped "Cores 1933", set in a concrete monument at ground level. March 1936.

Reference Mark #1 157.58 feet
A U.S.C. & G.S. standard reference mark disk, stamped "#1", set in a boulder at foot of embankment and 72.9 feet north of Cores, 1933.
Reference Mark #2 168.21 feet
A U.S.C. & G.S. standard reference mark disk, stamped "#2", set in highest granite slab step leading to gatehouse.

Bench Marks at Water Supply Units

68K-8 166.91 feet
(Same as U.S.C. & G.S. standard disk, "Cores, 1933").

Ref. BM 68K-8A 157.58 feet
(Same as U.S.C. & G.S. standard reference mark disk, "Cores, 1933 Reference Mark #1").

Ref. BM 68K-8B 168.21 feet
(Same as U.S.C. & G.S. standard reference mark disk, "Cores, 1933 Reference Mark #2").

COHASSET Second Order Bench Marks at Water Supply Units (Continued)

- 68K-9 47.94 feet
In the Beechwood section of Cohasset, on the estate of George B. Crafts on King Street; 65 feet southeast of a stone wall, forming bank of a brook and property line of Crafts' estate and 41.8 feet east of center line of King Street. A monel rivet, set in a granite outcrop. April 1936.
- Ref. BM 68K-9A 49.37 feet
A monel rivet, set in a granite outcrop, on the shore of Lily Pond, on the property of the Community Water Service Company's King Street pumping station; 525 feet northwest of BM 68K-9; 78.2 feet northwest of the northeast corner of pump house and 16.5 feet south of pole #26-22.
- Ref. BM 68K-9B 48.39 feet
A monel rivet, set in a granite outcrop, on the shore of Lily Pond, on the Crafts' estate; 113.8 feet northwest of the northwest corner of a service man's cottage and 86.3 feet west of center line of King Street.
- 68K-10 49.07 feet
About 2 1/2 miles south and west of Cohasset to the Community Water Service Company's Beechwood pumping station. A monel rivet, set in the west corner of the main entrance. April 1936.
- Ref. BM 68K-10A 46.31 feet
A monel rivet, set in the southwest corner of the concrete culvert on the driveway to the Beechwood pumping station; 329.9 feet south of the pump house.
- Ref. BM 68K-10B 48.33 feet
A monel rivet, set in a granite outcrop; 136.6 feet west of the southwest corner of the pump house.
- 68K-17 12.26 feet
About 1/2 mile west of the Cohasset station of the N.Y., N.H. & H.R.R. (Old Colony Division) to the Cohasset pumping station. A monel rivet, set in the granite doorsill of the south entrance on the east side of station. April 1936.
- Ref. BM 68K-17A 37.85 feet
A monel rivet, set in the north side of the doorsill of the center entrance to the Ripley Road School.
- Ref. BM 68K-17B 17.14 feet
A monel rivet, set in a granite ledge, on the south side of the N.Y., N.H. & H. R.R. (Old Colony Division) tracks; 314.3 feet southwest of the southwest corner of the Cohasset pumping station and 57.9 feet south of the south rail of east bound track.

COHASSET Second Order Bench Marks at Water Supply Units (Continued)

68K-35 11.37 feet
 About 1/4 mile south of the Cohasset station of the N.Y., N.H. & H. R.R. (Old Colony Division) to the Cohasset Water Company's pumping station in Elm Meadows. A monel rivet, set in the concrete threshold of the main entrance to pump house. January 1937.

Ref. BM 68K-35A 13.60 feet
 A monel rivet, set in the top of a large rock outcrop, north of the pumping station; about 130 feet from the center line of James Land; 75 feet northwest of BM 68K-35B and 15 feet west of a 16-inch elm tree.

Ref. BM 68K-35B 16.02 feet
 A monel rivet, set in the top of a large rock outcrop; about 122 feet west of a whistle post on railroad right-of-way.

Supplementary Data

	Elevation
<u>68K-8 BEAR HILL RESERVOIR</u>	
Gatehouse floor	168.03
Reservoir embankment (150 ft. x 150 ft., D. 16 ft.)	166.92
Overflow (Capacity 3,336,000 gals.)	166.28
<u>68K-9 KING STREET PUMPING STATION</u>	
Pumping station floor	47.72
Lily Pond water level observed January 11, 1937	43.85
Overflows through marsh to Bound Brook	
Pond gage installed in 1937 - Zero mark is	53.50
Infiltration gallery (200 ft. x 12 ft. x 8 ft.)	
bottom	29.90
Area 56 acres; available supply undetermined	
<u>68K-10 BEECHWOOD PUMPING STATION</u>	
Pumping station floor	49.04
Well house floor (Dug well Dia. 25 ft., D. 25 ft.)	50.02
High water recorded annually	50.00
Low water recorded September 1930	27.00
Coagulation basin (Dia. 40 ft., D. 10 ft.)	57.38
Rapid sand filters (Three, 9 ft. x 15 ft. each)	57.04
Clear water basin (26 ft. x 30 ft., D. 7 ft.)	
Bottom of	45.04

COHASSET Supplementary Data (Continued)

Elevation

68K-17 COHASSET PUMPING STATION

Old plant. Now used for storehouse only.

68K-35 ELM MEADOWS PUMPING STATION

Pumping station floor	8.44
Wells G.L. ground at (7 driven, Dia. 2 1/2 in., A.D. 25 ft.)	7.71
High Water recorded annually	7.41
Low water recorded annually	15.51

DEDHAM

First Order Bench MarksM1BA

115.327 feet

In the center of the town, on the west side of the Providence Turnpike (at Station 80 + 96, Dedham 1932 layout), in a gravel sidewalk at the southwest corner of the High Street steel bridge underpass; 0.5 foot south of the end of the bridge concrete sidewalk; 1.4 feet west of stone curb and 3.5 feet southeast of last balustrade post. A U.S.C. & G.S. and State Survey standard disk, stamped "M1BA-115.327", set in a concrete monument, the top of which is flush with the ground. June 1936. Recovered in good condition February 1940.

M128P

127.245 feet

In the southwestern part of the town, at the north end of bridge carrying Providence Turnpike over Route #128 (at Station 5 + 60, Dedham 1932 layout), in center of platform between traffic lanes, opposite northwest end of concrete balustrade; 39.9 feet southeast of the northeast corner of the end of the west balustrade and 78.3 feet northwest of the northwest corner of the end of the east balustrade. A U.S.C. & G.S. and State Survey standard disk, stamped "M128P-127.245", set flush in concrete platform. June 1936. Recovered in good condition February 1940.

M128Q

149.847 feet

In the southwestern part of the town, on the north side of Route #128 (at Station 28 + 88, Dedham 1931 layout); 750 feet west of Washington Street (Route #1A); 5 feet west of end of a stone wall on north side and 77.8 feet northeast of a catch basin, on opposite side of roadway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128Q-149.847", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

M128R

172.760 feet

In the southwestern part of the town, on the south side of Route #128; 1500 feet west of Washington Street (Route #1A); 57.4 feet from center line (at Station 37 + 10, Dedham 1931 layout); 196.4 feet southwest of a Massachusetts highway bound on the north side and 180.6 feet west of a similar bound on the south side. A U.S.C. & G.S. and State Survey standard disk, stamped "M128R-172.760", set in a high ledge. June 1936. Recovered in good condition February 1940.

M128U

213.105 feet

In the northwestern part of the town, on the west side of Route #128; 40 feet west from center line (at Station 6 + 83.1, Dedham 1931 layout); 371 feet south of intersection of High Street (Route #109) and 80 feet west of a Massachusetts highway bound, on opposite side of roadway. A brass plug, set in a high ledge. June 1936.

DEDHAM First Order Bench Marks (Continued)M128V

218.793 feet

In the northwestern part of the town, on the northeast corner of the intersection of Route #128 and High Street (Route #109) (at Station 11 + 62.04, Dedham 1931 layout); 142.2 feet north of a Massachusetts highway bound, on the northeast corner; 81.3 feet east of a Massachusetts highway bound, on the northwest corner and 231.8 feet northeast of a Massachusetts highway bound on the southeast corner. A U.S.C. & G.S. and State Survey standard disk, stamped "M128V-218.793", set in a concrete Massachusetts highway bound, the top of which is 3 inches above the ground. June 1936. Recovered in good condition February 1940.

M128W

227.127 feet

In the northwestern part of the town, on the northeast side of Route #128; 39 feet from center line (at Station 20 + 55, Dedham 1931 layout); 1001 feet north of the intersection of High Street (Route #109) and 90 feet north of a 15-inch oak tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128W-227.127", set in a concrete monument, 8 inches above the ground. June 1936. Recovered in good condition February 1940.

M128X

232.434 feet

In the northwestern part of the town, on the northwest corner of the intersection of Route #128 and Westfield Street (at Station 38 + 9.0, Dedham 1931 layout); 39 feet west of center line of Route #128; 187 feet west of a Massachusetts highway bound, on the northeast corner; 92 feet northeast of a Massachusetts highway bound, on the northwest corner, north of Westfield Street; 185.2 feet northwest of a Massachusetts highway bound, on the southwest corner and 55 feet north of a catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "M128X-232.434", set in a low ledge. June 1936. Recovered in good condition February 1940.

M128Y

225.716 feet

In the northwestern part of the town, on the southwest side of Route #128; 32.3 feet from the center line (at Station 48 + 10, Dedham 1931 layout); 1077 feet northwest of Westfield Street; 242.6 feet northwest of a Massachusetts highway bound, on the same side of the highway and 247 feet northwest of a Massachusetts highway bound, on the opposite side of the highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128Y-225.716", set in a high ledge. June 1936. Recovered in good condition February 1940.

M128Z

230.376 feet

In the northwestern part of the town, on the west side of Route #128; 41.6 feet from center line (at Station 55 + 60.7, Dedham 1931 layout); about 0.7 mile south of West Street concrete bridge overpass; 20.7 feet southwest of concrete guard post and 80.6 feet from an exposed Massachusetts highway bound on east side of road, in high loose

DEDHAM First Order Bench Marks (Continued)

ledge. A U.S.C. & G.S. and State Survey standard disk, stamped "M128Z-230.376", set in a concrete Massachusetts highway bound flush with flat sloping bank and about 2.5 feet below high part of roadway. June 1936. Recovered in good condition February 1940.

M128AA 239.721 feet
In the northwestern part of the town, on the west side of Route #128; 32.6 feet from center line (at Station 64 + 36, Dedham 1931 layout); about 2973 feet south of West Street concrete bridge; about 80 feet east of stone wall which runs nearly north and south and 48 feet northwesterly from last concrete guard rail post. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AA-239.721", set in a covered ledge, about 9 inches below ground at foot of slope at high part of road. June 1936. Recovered in good condition February 1940.

M128AB 226.690 feet
In the northwestern part of the town, on the east side of Route #128; 32 feet from the center line (at Station 72 + 79, Dedham 1931 layout); about 2130 feet south of West Street concrete bridge and 113.8 feet south of the last guard rail post. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AB-226.690", set in the highest part of protruding ledge, about 8 feet above roadway. June 1936. Recovered in good condition February 1940.

M128AC 200.651 feet
In the northwestern part of the town, on the east side of Route #128; 38.9 feet from the center line (at Station 80 + 77, Dedham 1931 layout); 1332 feet south of West Street concrete bridge and 20.6 feet south of southeast corner of a concrete slab over a catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AC-200.651", set in a ledge, about 1 foot above road surface. June 1936. Recovered in good condition February 1940.

M128AD 139.237 feet
In the northwestern part of the town, on the west side of Route #128 (at Station 92 + 32, Dedham 1931 layout), in an oval grass plot; 150 feet south of center of Route #128. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AD-139.237", set in a concrete monument, 2 inches below the ground. June 1936. Recovered in good condition February 1940.

M128AE 120.586 feet
In the northwestern part of the town, on the east side of Route #128 (at Station 103 + 23, Dedham 1931 layout); about 325 feet south of the center line of Charles River Bridge at the Dedham-Needham line; 26 feet east of edge of curb, near a Massachusetts highway bound in slope of bank and 5.5 feet west of a lone 24-inch pine tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AE-120.586",

DEDHAM First Order Bench Marks (Continued)

set in a high outcropping ledge, 8.5 feet above road surface. June 1936. Recovered in good condition February 1940.

M128PA

133.259 feet

In the southwestern part of the town, in the southwest corner of Route #128 and Washington Street (Route #1A) (at Station 21 + 95, Dedham 1931 layout), in a stone wall and behind a 36-inch pine tree; 50 feet southwest of center line of Route #128; 70 feet northwest of center line of Washington Street and 60.7 feet north of head wall of a culvert. A U.S.C. & G.S. and State Survey standard disk, stamped "M128PA-133.259", set in a concrete Massachusetts highway bound, 2 inches above the ground. June 1936. Recovered in good condition February 1940.

M128RA

193.541 feet

In the southwestern part of the town, on the south side of Route #128; 40 feet from the center line (at Station 54 + 85, Dedham 1931 layout); 3335 feet west of Washington Street (Route #1A), on the Westwood-Dedham line and 26.6 feet southeast of the last guard rail post. A U.S.C. & G.S. and State Survey standard disk, stamped "M128RA-193.541", set in a concrete Massachusetts highway bound, 10 inches above the ground. June 1936. Recovered in good condition February 1940.

M128TA

165.577 feet

In the southwestern part of the town, on the west side of Route #128; 40 feet from center line (at Station 00 + 90, Westwood 1931 layout), on the Westwood-Dedham line; about 964 feet south of High Street (Route #109) and 90 feet north of a Massachusetts highway bound. A U.S.C. & G.S. and State Survey standard disk, stamped "M128TA-165.577", set in a concrete Massachusetts highway bound, 6 inches above the ground. June 1936. Recovered in good condition February 1940.

M128-15GA

96.568 feet

In the southwestern part of the town, on the south side of Route #128 (at Station 0 + 90 Dedham 1931 layout), on the Westwood-Dedham line and about 740 feet east of the intersection with Route #1. A U.S.C. & G.S. and State Survey standard disk, stamped "M128-15GA-96.568", set in a concrete Massachusetts highway bound, 10 inches above the ground. June 1936. Recovered in good condition February 1940.

M128H1A

57.795 feet

In the southwestern part of the town, on the north side of Route #128; 40 feet from the center line (at Station 1 + 89.0, Westwood 1931 layout), on the Dedham-Westwood line; 248 feet east of highway bridge over the N.Y., N.H. & H. R.R. (Providence Division). A U.S.C. & G.S. and State Survey standard disk, stamped "M128H1A-57.795", set

DEDHAM First Order Bench Marks (Continued)

in a concrete Massachusetts highway bound, 10 inches above the ground. July 1936. Recovered in good condition February 1940.

61A 124.415 feet
In the northwestern part of the town, on the west side of High Street; 5 feet from edge of roadway; 850 feet southwest of center line of Lowder Street; 9.8 feet east of break in stone wall, at south end of wooden gate; 9.6 feet south of break in wall at north end of same gate; 64.4 feet west of street monument on east side of High Street; 75.9 feet west of west corner of house #1032 and 76.2 feet northwest of the north corner of house #1038. A U.S.C. & G.S. and State Survey standard disk, stamped "61A-124.415", set in a concrete monument flush with the ground. June 1936. Recovered in good condition February 1940.

61B 126.015 feet
In the north central part of the town, in the common between Dexter and Bridge Streets; 136.5 feet east of granite fence post at apex of triangle; 15.4 feet south of a 12-inch elm tree, the second tree from apex on north side of triangle; 28.8 feet southeast of twelfth granite fence post along Dexter Street; 34.8 feet south of sixteenth post; 56.1 feet northwest of seventeenth post and 45.6 feet northeast of eleventh post. A U.S.C. & G.S. and State Survey standard disk, stamped "61B-126.015", set in a concrete monument, 3 inches below the ground. June 1936. Recovered in good condition February 1940.

61C 119.196 feet
In the center of the town, on the south side of High Street; 1275 feet west of center line of Ames Street, opposite house, #759; 48.7 feet east of pole #J-72/72-0; 46.2 feet east of north corner of vacant lot opposite, #759; 38.7 feet south of a 12-inch maple tree, on north side of street; 42.7 feet west of a 12-inch maple tree, opposite east corner of house, #759 and 2.8 feet north of edge of sidewalk. A U.S.C. & G.S. and State Survey standard disk, stamped "61C-119.196", set in a concrete monument, 4 inches below the ground. June 1936. Recovered in good condition February 1940.

61D 112.288 feet
In the center of the town, on the northeast corner of High and Ames Streets; 8.4 feet south of west corner of large stone post; 7.4 feet southwest of south corner of same post; 6.8 feet west of a 10-inch elm tree and 7.6 feet northeast of outside edge of curbstone. A U.S.C. & G.S. and State Survey standard disk, stamped "61D-112.288", set in a granite monument, the top of which is flush with ground. June 1936. Recovered in good condition February 1940.

DEDHAM First Order Bench Marks (Continued)61E

122.925 feet

In the east central part of the town, on the southwest corner of High and Mt. Vernon Streets; 9.1 feet southeast of end of curbstone; 7.5 feet south of outside edge of curb; 27.5 feet northwest of a 12-inch maple tree and 41.1 feet northeast of northwest corner of bay on corner house. A U.S.C. & G.S. and State Survey standard disk, stamped "61E-122.925", set in a granite monument, top flush with sidewalk. June 1936. Recovered in good condition February 1940.

61F

92.346 feet

In the east central part of the town, on the north side of High Street, east of Maverick Street; 18.8 feet southeast of southwest corner of brick building; 6.3 feet south of south wall of same building; 3.1 feet southwest of northwest corner of iron cover to catch basin; 17.4 feet southwest of concrete wall adjoining southeast corner of brick building and 2.1 feet northwest of southwest corner of iron cover to catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "61F-92.346", set in the sidewalk. June 1936. Recovered in good condition February 1940.

61H

87.461 feet

In East Dedham, on the north side of Milton Street, opposite Milton Place; 115 feet southeast of the southeast side of house, #164, projected to street line; 30.5 feet south of a 12-inch walnut tree; 7.7 feet north of pole #6/20 and 47.1 feet east of center of hydrant at northwest intersection of Milton Street and Milton Place. A U.S.C. & G.S. and State Survey standard disk, stamped "61H-87.461", set in a granite monument, flush with ground. June 1936. Recovered in good condition February 1940.

61J

83.141 feet

In East Dedham, on the northeast side of the N.Y., N.H. & H. R.R. (Readville Branch), between main and spur tracks; 230 feet southeast of the River Street underpass; 75.7 feet north of a pole on south side of tracks; 54 feet southeast of the southeast corner of concrete switch arm base between tracks; 11.1 feet northeast of northeast rail of main tracks and 10.6 feet south of south rail of spur track. A U.S.C. & G.S. and State Survey standard disk, stamped "61J-83.141", set in a concrete monument, 3 inches below surface. June 1936. Recovered in good condition February 1940.

T.B.M. #100

50.942 feet

In the southeastern part of the town, on the northeast side of the N.Y., N.H. & H. R.R. (shore line). A monel rivet, set in the top of milepost B10. July 1936.

T.B.M. #134

51.594 feet

In the southeastern part of the town, on the northeast side of the N.Y., N.H. & H. R.R. (shore line) at Green Lodge Street grade crossing. A chiseled square, in the top of milepost B11-P33. July 1936.

DEDHAM First Order Bench Marks (Continued)

T.B.M. #3054 78.997 feet
In East Dedham, on the south side of Central Street bridge over Mother Brook; 13.5 feet west of the west end of south bridge wall and 7.6 feet south of curb. A monel rivet, set in end of west abutment. June 1936.

C13 111.179 feet
In the center of the town, on the north side of High Street, at right side of entrance to store in the Knights of Columbus Building. A Mass. Dept. of Public Works standard bench mark disk, stamped "C13-M.G.S.-111.179", set in the landing. June 1936. Recovered in good condition February 1940.

D13 119.233 feet
In the center of the town, at the entrance to the County Court House, 2 feet north of west pillar supporting pediment. A Mass. Dept. of Public Works standard bench mark disk, stamped "D13-M.G.S.-1936-119.233", set on the west buttress of steps. June 1936. Recovered in good condition February 1940.

B15 111.594 feet
In the center of the town, on the corner of High and Pearl Streets, at the Dedham Court House. The top of east corner post of curbing surrounding the lawn. No mark. June 1936.

AB10 130.870 feet
In the southwestern part of the town, on the concrete bridge over Circumferential Highway at Providence Turnpike, at the south corner of the northeast abutment. A Mass. Dept. of Public Works standard bench mark disk, stamped "AB10-130.870", set in the top of the southwest face of the pylon. June 1936. Recovered in good condition February 1940.

AC15 115.935 feet
In the center of the town, on the concrete bridge over Williams Street at the Providence Turnpike, at the northwest corner of the south abutment. A Mass. Dept. of Public Works standard bench mark disk, stamped "AC15-115.935", set in the top of the north face of the pylon. June 1936. Recovered in good condition February 1940.

Meridian Plate 125.068 feet
In the center of the town, in the north triangle of training ground; about 100 feet north of center line of Bridge Street; 60.6 feet northwest of the 9th granite fence post southwest of Common Street; 61.3 feet north of the 14th granite fence post southwest of Common Street and 45 feet north of a 15-inch elm tree. A bronze meridian plate, 0.6 foot in diameter, intersecting lines pointing to letters N, E, S, W. June 1936.

DEDHAM Second Order Bench MarksMLBC

96.10 feet

In the west central part of the town, on the west side of the Providence Turnpike; 25.9 feet from the center (at Station 46 + 23, Dedham 1932 layout); 2127 feet southwest of Dwight Street; 351 feet southwest of the south end of a concrete header of a culvert, in line with cable guard rail fence and 73.5 feet south of a catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "MLBC", set in a concrete monument flush with the ground. May 1935.

15H

151.92 feet

In the southeastern part of the town, on the north side of the N.Y., N.H. & H. R.R. (Midland Division); 75 feet north of north rail; 1275 feet east of Endicott station; 828 feet west of Cedar Street bridge; 463 feet east of Mt. Vernon Street; 22.3 feet north of wire property fence and on tangent of north rail produced east. A U.S.C. & G.S. and State Survey standard disk, stamped "15H", set in a concrete monument, 1 foot above the ground. December 1936.

61K

145.14 feet

In the southeastern part of the town, on the north side of the N.Y., N.H. & H. R.R. (Midland Division), at the intersection of Mt. Vernon Street, near top of 18-foot embankment; 54.4 feet north of north rail; 25.7 feet northeast of a pole; 76.9 feet southeast of street bound on west side of Mt. Vernon Street; 4.5 feet south of railroad property line and 52 feet northwest of whistle post. A U.S.C. & G.S. and State Survey standard disk, stamped "61K", set in a concrete monument, flush with the ground. December 1936.

61M

94.94 feet

In the north central part of the town, on the west side of Ames Street (at Station 49 + 16, Dedham 1931 layout) south of Bridge Street; 8.3 feet southeast of a 15-inch elm tree; 16.7 feet south of center of a square catch basin; 53.9 feet west of center of a square catch basin, on east side of Ames Street; 34.6 feet north of northeast corner of base of light pole and 11.9 feet northeast of an 18-inch elm. A U.S.C. & G.S. and State Survey standard disk, stamped "61M", set in a concrete monument, 6 inches below the surface of the ground. December 1936.

61N

96.28 feet

In the north central part of the town, on the east side of Bridge Street (at Station 38 + 32, Dedham 1931 layout); 65 feet south of the center line of Berkeley Road; 35.8 feet southeast of center line of gutter mouth of catch basin; 54.8 feet southwest of hydrant on south side of Berkeley Road; 36 feet north of pole #J-17/31-0 and 52.9 feet east of northeast corner of garage. A U.S.C. & G.S. and State Survey standard disk, stamped "61N", set in a granite Massachusetts highway bound, 2 inches below the ground. December 1936.

DEDHAM Second Order Bench Marks (Continued)

*61P feet
 In the northeastern part of the town, at the south intersection of Bridge and Needham Streets, in gravel sidewalk; 5.4 feet southwest of center line of back edge of catch basin; 8.1 feet northwest of pole #J-17/3-0; 6.5 feet north of northeast corner entrance to the Economy Grocery store; 6.5 feet northeast of northwest corner entrance to same store. A U.S.C. & G.S. and State Survey standard disk, stamped "61P", set in a granite street monument, 5 inches below the ground.

61Q 132.67 feet
 In the northern part of the town, on the south side of Needham Street; 39.2 feet northwest from point of curve monument, on west side of Lindale Avenue; 7 feet south of outside of curb; 57.8 feet southwest of street monument on north side of Needham Street and 67.3 feet west of pole #85/0. A U.S.C. & G.S. and State Survey standard disk, stamped "61Q", set in a granite street monument, flush with the ground. December 1936.

61R 116.74 feet
 About 2200 feet north of the square, on the southeast side of Washington Street; 150 feet northeast of center line of bridge over the N.Y., N.H. & H. R.R. (Readville Branch); 21.9 feet east of center of manhole; 96 feet southeast of a Massachusetts highway bound, on northwest side of street; 26.6 feet southeast of nearest rail of Boston Elevated Railway; 81.1 feet south of hydrant; 28.1 feet west of northwest corner of house, #198 and 5.4 feet northeast of pole #147/27. A U.S.C. & G.S. and State Survey standard disk, stamped "61R", set in a concrete monument, 1 foot below the ground. January 1938.

61LA 148.71 feet
 In the south central part of the town, on the west side of Mt. Vernon Street; 40 feet northwest of the center line of Boulevard Road, which is opposite Lincoln Street; 69 feet west of hydrant, at the north corner of Lincoln Street; 26.7 feet east of southeast corner of house, at the northwest corner of Boulevard Road and 38.4 feet southeast of northeast corner of same house. A U.S.C. & G.S. and State Survey standard disk, stamped "61LA", set in a granite monument, 4 inches above the ground. December 1936.

61QA 136.88 feet
 In the northern part of the town, at the northeast corner of the intersection of Vine Rock and Needham Streets; about 2000 feet west of Bridge Street; 98.9 feet northwest of the northwest corner of barn, on the south side of Needham Street; 10.3 feet northeast of pole #95-23, on the north side of Needham Street; 95.9 feet east of the most northerly of two granite posts on the west side of Vine

*The elevation of this mark has not been determined.

DEDHAM Second Order Bench Marks (Continued)

Street and 73 feet east of center line of Vine Rock Street. A nail, in a lead plug in a drill hole in a concrete monument, 0.5 foot above sidewalk. December 1936.

V10

In the southern part of the town, on the N.Y., N.H. & H. R.R., near Endicott station. A chiseled square, on the southwest corner of the top course of the east abutment of bridge #10.60 over East Street. March 1937. 115.27 feet

C15

In the northeastern part of the town, on the Spring Street bridge over the Charles River. A chisel cut in the top of the southeast end of the most southwesterly pier. August 1935. 96.23 feet

T.B.M. #2895

About 1.75 miles southeast of court house, on bridge carrying the N.Y., N.H. & H. R.R. (Midland Division). A chiseled square, on the south end of foundation of west abutment. August 1934. 116.89 feet

T.B.M. #2896

In the southeastern part of the town, near east line, on the north side of the N.Y., N.H. & H. R.R. (Wrentham Branch); 2200 feet west of Station, 15Z at Sprague Street (Readville). A chiseled square, on the center of parapet wall of bridge over track in railroad shop yard. August 1934. 93.05 feet

T.B.M. #4051

In the center of the town, at the N.Y., N.H. & H. R.R. (West Roxbury Branch) station; 160 feet west of the southeast corner; 150 feet west of the west rail and 110 feet southwest of western extremity of station curbing. The northeast corner of second light post foundation. November 1934. 107.20 feet

T.B.M. #4052

About 1 1/2 miles east of the square, on the N.Y., N.H. & H. R.R. (West Roxbury Branch); 630 feet east of east edge of Walnut Street overpass and 5.7 feet south of south rail of main track. A chiseled square, on top of granite milepost #10. November 1938. 97.16 feet

T.B.M. Neponset River #18B

In the southeastern part of the town, about 300 feet north of switch tower #180 of the N.Y., N.H. & H. R.R. (shore line). The east bolt in base of semaphore on northwest side of four track main line. July 1935. 48.96 feet

T.B.M. Neponset River #18C

In the southeastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R. (shore line), opposite pole #10/25. The north bolt in base of semaphore. July 1935. 47.31 feet

DEDHAM Second Order Bench Marks (Continued)

T.B.M. Neponset River #19 64.46 feet
In the southwestern part of the town, on bridge over Neponset River (Route #128). A chiseled square, on top of most westerly fence post on north side. July 1935.

T.B.M. Charles River #81 96.42 feet
In the center of the town, on the Ames Street bridge, in the top of the southeast curved granite abutment of the bridge over the Charles River, just northeast of the southeast concrete railing pier. A chiseled square. August 1935.

T.B.M. Charles River #82 96.64 feet
In the center of the town, on the Bridge Street bridge over the Charles River; 94.4 feet northeast of the northeast corner of the one-story brick building, on the property of the Dedham Water Works and in the center of the center span on the downstream wall of the three span stone arch type bridge. A chiseled square. September 1935.

T.B.M. Charles River #83 105.12 feet
About 2 miles northwest of the square, on the Dedham-Needham bridge carrying the Circumferential Highway (Route #128) over the Charles River, in the southeast corner of the east granite abutment wall supporting the stone railing, about 60.4 feet southeast of the center line of the single span of the east (downstream) granite wall. A chiseled square, on foundation stone. September 1935.

T.B.M. Charles River #84 102.16 feet
About 2 1/2 miles northwest of the square, at the Needham Avenue bridge, in the north end of the center concrete pier where it intersects the northeast (downstream) concrete abutment wall, on the center of the Charles River. A chiseled square. September 1935.

U.S. Geological Survey Stream Gaging Station

Mother Brook at Dedham

Location--Float gage in Dedham, Norfolk County, 0.3 mile below point of diversion. Zero of gage is at mean sea level. Station is at upstream side of bridge on the property of #121 East Street. East Street bridge is about 100 yards upstream from U.S. Highway Route #1 and 1/4 mile north of Dedham business district.

Reference Mark #2 90.22 feet
Head of spike driven vertically in river side root of 30-inch diameter pine tree. Tree is about 5 feet upstream from gage and 15 feet south from south bank.

Reference Point 91.07 feet
Needle on float gage.

DEDHAM Second Order Bench Marks at Water Supply Units.

68E-25 299.51 feet
Two miles west of the town hall; 810 feet north of Westfield Street, at a point 100 feet east of house, #664. A monel rivet, set on a granite foundation, about 2 feet above the ground, on the easterly side of tank, 0.45 foot off face of tank and 1.55 feet north of northwest corner of manhole foundation. July 1936.

Ref. BM 68E-25A 297.17 feet
A monel rivet, set on top of ledge outcrop, at a point 25.1 feet northeast of BM 68E-25 and 22.5 feet north of northeast corner of manhole foundation and 1 foot above the ground.

Ref. BM 68E-25B 296.36 feet
A monel rivet, set on top of ledge outcrop; 31.7 feet southeast of BM 68E-25; 36 feet south of BM 68E-25A and 26.9 feet southeast of northeast corner of manhole foundation, one foot above the ground.

68E-26 95.94 feet
About 3/4 mile west of the courthouse, at the pumping station, on the easterly side of Bridge Street; 1100 feet northeast of the intersection of Common Street and 240 feet southwest of the center line of Charles River. A monel rivet, set on the west end of doorsill at entrance on the most southerly side of the building; 10.5 feet west of the southeast corner and 100.3 feet east of the center line of Bridge Street. July 1926.

Ref. BM 68E-26A 94.09 feet
A monel rivet, set on foundation of pumping station, at the south corner of the most easterly side; 0.3 foot off the corner (brick); 28.4 feet northeast of the center line of a 10-foot covered well and 63.2 feet east of the east corner of the most southerly side of the building.

Ref. BM 68E-26B 92.97 feet
A monel rivet, set on top of westerly side of a 30-foot diameter covered well foundation, northeast of pumping station; 55.6 feet southeast of the southeast corner of storeroom and 53.6 feet northeast of west corner of the most northerly side of pumping station.

68E-27 200.91 feet
One mile southwest of the town hall; about 3000 feet northeast of Route #128; 1100 feet southwest of the intersection of Highland Street and Sandy Valley Road and 290 feet northwest of the center line of Sandy Valley Road, on granite foundation of standpipe, on the southerly side of tank; 0.8 foot north of the south face of foundation; 70 feet south of face of tank; 5.8 feet northwest of the east corner of manhole foundation and 8 feet north of the southwest corner of foundation, 1.2 feet above the ground. A monel rivet. July 1936.

DEDHAM Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68E-27A 200.28 feet
 A monel rivet, set on the westerly side of tank, on top of ledge outcrop; 31.4 feet west of the southwest corner of manhole foundation, about 0.4 foot above the ground.

Ref. BM 68E-27B 201.42 feet
 A monel rivet, set on top of ledge outcrop, on the northeasterly side of tank; 54.7 feet north of the southeast corner of manhole foundation, 2 feet above the ground.

68E-35 147.99 feet
 One and thirty-five hundredths of a mile southeast of the courthouse; about 800 feet northeast of intersection of Mt. Vernon and Walnut Streets; 100 feet north of the center line of Walnut Street, west of Cedar Street. A monel rivet, set on block foundation, 2 feet above the ground, on the southwest side of tank; 2.3 feet off face; 53.8 feet northeast of northeast corner of garage of house, #175; 74.8 feet northwest of the southwest corner of house, #165 and 58.6 feet northwest of center line of manhole. July 1936.

Ref. BM 68E-35A 142.40 feet
 A monel rivet, set on top of stone wall running north and south, 2.5 feet above the ground; 3.1 feet north of intersection with wall running east and west; 20.4 feet north of the center line of Walnut Street; 90.1 feet southwest of BM 68E-35 and 42.2 feet southeast of southeast corner of brick entrance to house, #175.

Ref. BM 68E-35B 143.01 feet
 A monel rivet, set on top of concrete step to stoop, on westerly side of house, #165, 0.5 foot above the ground; 140.6 feet northeast of BM 68E-35A; 41.6 feet north of southwest corner of house and 12.1 feet south of the northwest corner of house.

Supplementary Data

	Elevation
<u>68E-25 WESTFIELD STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 20 ft., Ht. 25 ft.)	299.75
Overflow (Capacity 55,000 gals.)	234.75
<u>68E-26 BRIDGE STREET PUMPING STATION</u>	
Pumping station - Upper floor	95.85
Intermediate floor (Spare pumps)	91.25
Lower floor	87.40
Dug well (Dia. 10 ft., Depth 25 ft.) top of	93.73
Dug well (Dia. 30 ft., Depth 20 ft.) top of	92.98
Wells G.L. (35 driven, dia. 4,6,8, in., Av.D. 40 ft.)	88.78
Bridge Street flood level March 1936	91.98
Seasonal variations in water level in dug and driven wells unavailable.	

DEDHAM Supplementary Data (Continued)

	Elevation
68E-27 <u>SANDY VALLEY ROAD STANDPIPE</u>	
Bottom of standpipe (Dia. 42 ft., Ht. 48 ft.)	201.15
Overflow (Capacity 495,000 gals.)	249.15
68E-35 <u>WALNUT STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 20 ft., Ht. 103 ft.)	148.19
Overflow (Capacity 235,000 gals.)	245.19
68E-37 <u>FOX HILL STANDPIPE</u> (Westwood)	
Bottom of standpipe (Dia. 30 ft., Ht. 83 ft.)	311.98
Overflow (Capacity 440,000 gals.)	394.98
68E-55 <u>DEAN STREET BOOSTER PUMPING STATION</u> (Westwood)	
Pumping station floor	139.60
This pump fills the Fox Hill standpipe.	
68E-76 <u>ROCK MEADOW BROOK PUMPING STATION</u> (Westwood)	
Pumping station floor	188.15
Wells G.L. (10 driven, Dia. 2 1/2 in., Av. D. 25 ft.)	187.65

Used for an additional supply in summer.
Pumped to Fox Hill standpipe.

DOVER

(There are no First Order Bench Marks)

Second Order Bench Marks

52E 149.35 feet
At the station of the N.Y., N.H. & H. R.R. (Woonsocket Division); 37.2 feet southeast of the southeast corner; 112 feet northeast of center line of Dedham Street; 3.8 feet north of north rail and 28.8 feet south of southwest corner of Hodgson's warehouse. A U.S.C. & G.S. and State Survey standard disk, stamped "52E", set in a concrete monument, the face of which is about 2 inches below the ground. August 1935.

T.B.M. Charles River #85 99.90 feet
In the northeastern part of the town, on the Chestnut Street bridge over the Charles River, on the Dover side of the line, in the top of the northwest corner of the southeast concrete wing abutment wall, 32.6 feet southeast of the center line of the east (downstream) concrete abutment wall. A chiseled square. July 1936.

T.B.M. Charles River #87 102.93 feet
In the northern part of the town, at the Willow Street bridge over the Charles River, in the top of the northeast corner of the southeast curved stone wing wall, at the southwest end of the southeast concrete wall (downstream side), at a point of tangency of the curved wall. A chiseled square. September 1935.

T.B.M. Charles River #88 110.28 feet
In the northern part of the town, on the Central Avenue bridge over the Charles River; 11 feet west of center of bridge and 1.2 feet east from the west edge of the westerly pier. A chiseled square, in the upstream wall of the bridge. September 1935.

T.B.M. Charles River #89 106.17 feet
In the northern part of the town, on Claybrook Road, about 1 1/4 miles west of Center Street, on a culvert over Trout Brook. A chiseled square. September 1935.

T.B.M. Charles River #93 126.81 feet
In the southwestern part of the town, on Bridge Street, in the top center of the northeast granite post of the east abutment of the wood and stone bridge over the Charles River. A chiseled square. October 1935.

T.B.M. #2082 193.25 feet
About 1 1/2 miles south of the station, on the west side of the N.Y., N.H. & H. R.R. (Midland Division), in rear of the William Channing estate (Farm Street) and 17.3 feet west of west rail. A chiseled square, in a ledge outcrop. August 1935.

DOVER U. S. Geological Survey Stream Gaging Station

Charles River at Charles River Village

Location--In the northeastern part of the town, on Mill Street; about 1.3 miles from the center. The street parallels the river at this point. A gaging station on the east side of the road between the road and the river bank.

Reference Mark #1 102.40 feet
A painted yellow square, on stone in the southeast corner of a stone wall, on the west side of Mill Street, about 38 feet south of the gage house. July 1936.

Reference Mark #2 93.96 feet
A gage board, nailed to a 5-inch maple tree, on the west bank of the Charles River, 4.7 feet southeast of the southeasterly corner of the foundation wall of the gage house. The 5-foot mark on the gage board. July 1936.

Dover has no municipal water supply system.

FOXBOROUGH

First Order Bench Marks

M (U.S.C. & G.S.) 224.071 feet
About 0.2 mile north of East Foxborough station of the N.Y., N.H. & H. R.R. (Taunton Division); 40 rails from Cocasset Street; 19 rails north of milepost #22; 170 feet west of the west rail and 8 feet southeast of a boulder. A U.S.C. & G.S. standard bench mark disk, stamped "M-1923-224.071", set in a rock ledge. Recovered in good condition February 1940.

MIWA 308.870 feet
In the northwestern part of the town, on Providence Turnpike (Route #1) (at Station 24+00, Foxborough 1931 layout), at north end of bridge over Main Street cutoff (Route #140); 42.3 feet southeast of inner end of west curb and 30.2 feet west of inner end of east curb. A U.S.C. & G.S. and State Survey standard disk, stamped "MIWA-308.870", set flush in concrete highway. April 1939. Recovered in good condition July 1940.

MLX 325.038 feet
In the northwestern part of the town, on the west side of Providence Turnpike (Route #1) (at Station 15+05, Foxborough 1931 layout); 40.4 feet from the center line; 38 feet southeast of a tree at the angle of stone walls on west side and 378 feet north of Main Street (Route #140). A U.S.C. & G.S. and State Survey standard disk, stamped "MLX-325.038", set in a Massachusetts highway bound, 1.2 feet above the ground. April 1939. Recovered in good condition July 1940.

11G 289.395 feet
In the center of the town, on the N.Y., N.H. & H. R.R. (Taunton Division); 16.7 feet west of west rail of west track; 32 feet southeast of the center of Chestnut Street and 24.2 feet southeast from pole #939 on south side of the street, west of track. A U.S.C. & G.S. and State Survey standard disk, stamped "11G-289.395", set in a concrete monument, 4 inches above the ground. April 1939. Recovered in good condition August 1940.

11H 286.700 feet
In the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division), south of Bird Street; 13.3 feet west of the west rail of west track; 49 feet southeast of concrete station platform and 55 feet northeast of center of hydrant on north side of Railroad Avenue. A U.S.C. & G.S. and State Survey standard disk, stamped "11H-286.700", set in a concrete monument, 3 inches above the ground. April 1939. When recovered in February 1941, the northeast corner of the bound had been broken off.

FOXBOROUGH First Order Bench Marks (Continued)

11J 280.233 feet
 In the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 6.7 feet from the west rail of the west track; 136.2 feet northwest of a railroad whistle post and 552 feet southeast of the center line of Cocasset Street. A U.S.C. & G.S. and State Survey standard disk, stamped "11J-280.233", set in a concrete monument, 2 inches above the ground. April 1939. Recovered in good condition August 1940.

11K 242.930 feet
 In the southern part of the town, on the east side of the N.Y., N.H. & H. R.R. (Taunton Division); 4.9 feet from the east rail; 13.5 feet north of the wooden guard fence; 23.7 feet northwest of pole on top of bank and 18.5 feet south of the center line of Elm Street. A U.S.C. & G.S. and State Survey standard disk, stamped "11K-242.930", set in a concrete monument, one inch above the ground. April 1939. Recovered in good condition August 1940.

11L 193.503 feet
 In the southern part of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 9.4 feet from the west rail of west track; 212 feet north of granite section post #91 and 690 feet south of the center line of Spring Street. A U.S.C. & G.S. and State Survey standard disk, stamped "11L-193.503", set in a ledge outcrop. April 1939. Recovered in good condition August 1940.

11BB 228.796 feet
 In the eastern part of the town, on the east side of the N.Y., N.H. & H. R.R. (Providence Division); 18 feet from the east rail of east track; 3420 feet north of the East Foxborough station; 357 feet north of the center line of concrete culvert; 50 feet north of the north side of E. Grant's house and 2636 feet south of milepost #21/23. A U.S.C. & G.S. and State Survey standard disk, stamped "11BB-228.796", set in a concrete monument, flush with the ground. October 1937. Recovered in good condition February 1940.

11MA 195.876 feet
 In the southeastern part of the town, on the west side of the N.Y., N.H. & H. R.R. (Providence Division); 25 feet from the northwest rail; 1235 feet southwest of milepost B23-P21; 118 feet south from the southeast corner of Hargreave's house and about 1 mile north of North Main Street, Mansfield. A U.S.C. & G.S. and State Survey standard disk, stamped "11MA-195.876", set in a concrete monument, 4 inches above the ground. September 1935. Recovered in good condition February 1940.

11MB 220.283 feet
 In the southeastern part of the town, on the east side of the N.Y., N.H. & H. R.R. (Providence Division); 54.1 feet from the southeast

FOXBOROUGH First Order Bench Marks (Continued)

rail; 3.5 feet from the right-of-way wire fence; 470 feet northeast of milepost B23-P21 and 1400 feet south of Summer Street. A U.S.C. & G.S. and State Survey standard disk, stamped "11MB-220.283", set in a concrete monument, on top of a bank. September 1935. Recovered in good condition February 1940.

T.B.M. #105 206.398 feet
In East Foxborough, on the northwest side of the N.Y., N.H. & H. R.R. (Providence Division); 80.2 feet from the northwest rail and 1512 feet southwest of Cocasset Street. A monel rivet, set in top of large boulder. September 1935.

T.B.M. #229 328.315 feet
In the northwestern part of the town, on the northeast side of Main Street (Route #140) at Station 12+65, at entrance to State Police barracks, southeast of the Providence Turnpike. A chisel cut on the southwest corner of the top granite step. April 1939.

T.B.M. #2293 292.651 feet
In the center of the town, on the north side of Chestnut Street; 22.8 feet from the center line, west of the N.Y., N.H. & H. R.R.; 30 feet from the west rail and at the southeast corner of State Asylum grounds. A chiseled square, on top of granite fence post. April 1939.

T.B.M. #2294 290.423 feet
In the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 19.7 feet from the west rail, on the top of milepost #55/15 and 1000 feet south of Chestnut Street. A chiseled square. April 1939.

T.B.M. #2296 268.626 feet
In the center of the town, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division); 13 feet from the southwest rail, on the top of milepost #56/14 and 33 feet northwest of the center of Leonard Street. A monel rivet. April 1939.

T.B.M. #2297 214.445 feet
In the southern part of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 2500 feet southeast of the Elm Street crossing. A chiseled square, on header of culvert. April 1939.

T.B.M. #2298 207.899 feet
In the southern part of the town, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division); 72.4 feet south of the center of Spring Street and 24.1 feet west of northwest corner of dwelling of Mr. Turner (west of tracks). A monel rivet, set in a large boulder. April 1939.

FOXBOROUGH First Order Bench Marks (Continued)

T.B.M. #3171 301.439 feet
 In the north central part of the town, on the south side of Chestnut Street; 17 feet from the center line; 38 feet south of northeast corner of garage entrance; 132 feet southeast of fire hydrant; 95 feet east of center of North Main Street (Route #140); 167 feet west of center of North Street and 87 feet northwest of the northwest corner of a house. A monel rivet, set in the north end of a large outcropping boulder, 2 feet above highway. April 1939.

T.B.M. #3172 298.929 feet
 In the northeastern part of the town, on the north side of North Main Street (Route #140); 51 feet from the center line; 14.2 feet north of a 24-inch pine tree; 118 feet southeast of the southeast corner of a house; 87 feet southwest of the southwest corner of a house; 136 feet north of the northwest corner of a house, on the south side of the road; 55 feet northeast of pole #68; 382 feet east of South Cross Street and 120 feet west of Lakeview Road. A monel rivet, set in the top of south end of an 8-foot boulder outcrop, 2 feet above highway level. April 1939.

T.B.M. #3173 285.590 feet
 In the northwest corner of the town, on the northeast side of North Main Street (Route #140); 30.2 feet from the center line; 39.2 feet southeast of the southwest end of the northeast abutment of Route #1 overpass bridge. A monel rivet, set in the southeast end of an angled culvert head wall, 3.5 feet below road level. April 1939.

Second Order Bench Marks

MLR 237.33 feet
 In the extreme northern part of Foxborough, on Route #1 (Boston-Providence Turnpike), on the Foxborough-Walpole line; about 539 feet north of intersection with North Street and 8 inches in from east edge of concrete pavement. A U.S.C. & G.S. and State Survey standard disk, stamped "MLR", set flush in highway surface. July 1934.

MLS 259.57 feet
 On Route #1 (Boston-Providence Turnpike), on the bridge over the N.Y., N.H. & H. R.R. A U.S.C. & G.S. and State Survey standard disk, stamped "MLS", set in the curb, on the northwest corner of the bridge. August 1935.

MIT 285.13 feet
 In the northern part of Foxborough, on Route #1 (Boston-Providence Turnpike); 0.3 mile south of N.Y., N.H. & H. R.R. overpass; 200 feet south of junction with Washington Street; 17.8 feet west of edge of concrete road surface; 27.2 feet southwest from corner of catch basin curbing and 69.2 feet south of the southwest corner of a small wood-

FOXBOROUGH Second Order Bench Marks (Continued)

en house. (Abreast of Station 95+62). A U.S.C. & G.S. and State Survey standard disk, stamped "MLT", set in a boulder. August 1935.

MLU 315.81 feet
In the northern part of Foxborough, on Route #1 (Boston-Providence Turnpike); 931 feet south of a junction with Washington Street; 152 feet north of end of cable guard rail, on east side of highway and 19.1 feet east of edge of concrete highway surface. (At Station 88+29). A U.S.C. & G.S. and State Survey standard disk, stamped "MLU", set in a boulder. August 1935.

MLV 333.06 feet
On Route #1 (Boston-Providence Turnpike); about 2000 feet south of the junction with Washington Street; 85.5 feet northeast of the westerly of two Massachusetts highway bounds, on either side of the highway and 7 inches in from the west edge of the concrete highway surface. (At Station 77+16). A U.S.C. & G.S. and State Survey standard disk, stamped "MLV", set flush in concrete road surface. August 1935.

MLW 335.11 feet
In the northern part of Foxborough, on Route #1 (Boston-Providence Turnpike); about 3500 feet north of the intersection of Pine Street; 61.2 feet south of the easterly of two Massachusetts highway bounds, on either side of the highway; 37 feet northeast of a telephone manhole and 22.8 feet southeast of the edge of the road. (At Station 63+95). A U.S.C. & G.S. and State Survey standard disk, stamped "MLW", set in a boulder, 5 feet above the highway. August 1935.

MLY 321.83 feet
In the extreme northwestern part of Foxborough, on Route #1 (Boston-Providence Turnpike); 674 feet south of the intersection of Main Street; 114.9 feet southwest of a Massachusetts highway bound, on the east side of the highway; 127.1 feet southeast of a Massachusetts highway bound, on the west side of the highway; 58 feet northeast of pole #1627 and 13.8 feet northwest of a catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "MLY", set flush near the east edge of the concrete pavement. August 1935.

MLYA 304.33 feet
In the extreme western part of Foxborough, on Route #1 (Boston-Providence Turnpike), on the Foxborough-Wrentham town line; 61.1 feet south of a catch basin, on west side of highway; 17.3 feet east of town line marker. A U.S.C. & G.S. and State Survey standard disk, stamped "MLYA", set flush in concrete pavement. August 1935.

FOXBOROUGH Second Order Bench Marks (Continued)

11B 234.20 feet
 In the extreme northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Taunton Division); about 850 feet north of Route #1 overpass; 67 feet north of grade crossing at old Washington Street; 90.8 feet southwest of a telephone pole; 61.4 feet northeast of another pole and 7.3 feet west of the west rail of westerly track. A U.S.C. & G.S. and State Survey standard disk, stamped "11B", set in a concrete monument. June 1935.

11C 235.82 feet
 In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Taunton Division), just north of Route #1 overpass; 30.9 feet north of the supporting pier on west side of track and 9.6 feet southwest of the southwest rail. A U.S.C. & G.S. and State Survey standard disk, stamped "11C", set in a concrete monument. June 1935.

11D 252.55 feet
 In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Taunton Division); 1830 feet south of the Route #1 overpass; 80 feet north of a cattle underpass; 57 feet north of field stone wall; 32.6 feet south of a telephone pole and 26.3 feet east of the east rail. A U.S.C. & G.S. and State Survey standard disk, stamped "11D", set in a concrete monument. June 1935.

11E 256.25 feet
 In the northern part of Foxborough, on the N.Y., N.H. & H. R.R.; about 1500 feet northwest of the North Street crossing; 860 feet northwest of milepost #16-54; 99.3 feet southeast of a whistle post; 33 feet northwest of an underpass and 8.8 feet southwest of southwest rail. A U.S.C. & G.S. and State Survey standard disk, stamped "11E", set in a concrete monument. June 1935.

11F 263.97 feet
 On the N.Y., N.H. & H. R.R. (Taunton Division); 145 feet southeast of the North Street crossing; about 546 feet southeast of milepost #16-54; 18.5 feet northeast of the northeast rail and 4.4 feet southwest of a pole. A U.S.C. & G.S. and State Survey standard disk, stamped "11F", set in a concrete monument, the top of which is 2 inches above the ground. June 1935. Recovered in good condition October 1936.

11BA 226.04 feet
 In the eastern part of Foxborough, on the N.Y., N.H. & H. R.R.; about 0.5 mile north of the East Foxborough station; 1980 feet northeast of milepost B22-P22; 307 feet south of the center of a concrete culvert and 18.4 feet east of the east rail. A U.S.C. & G.S. and State Survey standard disk, stamped "11BA", set in a concrete monument, flush with the ground. April 1935. Recovered in good condition April 1937.

FOXBOROUGH Second Order Bench Marks (Continued)

11MBA 199.14 feet
 In the southern part of Foxborough, on the N.Y., N.H. & H. R.R. (Providence Division); about 1.7 miles southwest of East Foxborough station; 173.5 feet north of milepost B23-P21; 174 feet southwest of an 18-inch oak tree; 73.5 feet north of a 20-inch oak tree; 34 feet northwest of a wire fence and 36.8 feet southeast of the southeast rail of the main line north bound track. A Mass. Dept. of Public Works standard traverse disk, stamped "11MBA", set in a concrete monument, flush with the ground. April 1937.

*11MC feet
 In the southeastern part of Foxborough, on the N.Y., N.H. & H. R.R. (Providence Division); about 0.6 mile southwest of East Foxborough station; 252 feet northwest of the Summer Street crossing; 60.5 feet southeast of a 12-inch oak tree; 23.3 feet northeast of a large boulder and 14 feet northwest of the northwest rail of the south bound track. A Mass. Dept. of Public Works standard traverse disk, stamped "11MC", set in a ledge outcrop, the top of which is 4 feet above the ground.

T.B.M. #2094 207.29 feet
 In the southeastern part of Foxborough, on the N.Y., N.H. & H. R.R. (Providence Division); 179 feet northeast of Summer Street crossing; 142 feet northwest of a hydrant, on southeast side of Summer Street, and 16.4 feet east of the east rail of north bound track. A chiseled square, on a ledge outcrop. December 1935.

T.B.M. #2095 217.60 feet
 In the eastern part of Foxborough; about 1 mile west of East Foxborough railroad station, on the north side of Cocasset Street and 792 feet west of the intersection of Sand Street. A high point, in a chiseled square, on the southwest corner of the residence of H.A. Henderson, 0.9 foot south of front of house and 0.7 foot east of fence. February 1936.

T.B.M. #2096 281.53 feet
 About 0.8 mile southeast of Foxborough Center, on the north side of Cocasset Street, at the intersection of Elm Street; 12.3 feet southeast of the southeast corner of house, #180, residence of V.J. Comey. A point outlined by a chiseled square, on the concrete well cap. January 1936.

T.B.M. #2097 237.74 feet
 About 0.8 mile southwest of Foxborough Center, on the east side of South Street; about 780 feet northeast of High Street; 85.2 feet east of the northeast corner of the residence of G. Collier; 21.5 feet north of driveway leading to barn opposite residence; 22.8 feet

*The elevation of this mark has not been determined.

FOXBOROUGH Second Order Bench Marks (Continued)

east of center of South Street. A point outlined by chiseled marks, on the top of north corner of a triangular-shaped granite post, which protrudes about one foot above the ground. January 1936.

T.B.M. #2287

258.78 feet

In the northern part of Foxborough, at the Route #1 bridge over the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch). A chiseled square, on the northwest wing wall of the northwest abutment. June 1935.

T.B.M. #2288

235.60 feet

In the northern part of Foxborough, at the Route #1 bridge over the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); about 50 feet north of the southwest end of the bridge and 20.1 feet southwest of station, 11C. A chiseled square, on the northeast end of a retaining wall. June 1935.

T.B.M. #2289

235.74 feet

In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); about 350 feet southeast of Route #1 overpass. A chiseled square, on the northwest end of the northeast abutment of bridge, over a small brook. June 1935.

T.B.M. #2290

258.31 feet

In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); about 0.5 mile southeast of Route #1 overpass; about 0.4 mile northwest of North Street crossing and 26.7 feet northeast of the northeast rail of the main line. A chiseled square, on a large boulder. June 1935.

T.B.M. #2291

258.30 feet

In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); about 250 feet northwest of the North Street crossing and 17.4 feet northeast of northeast rail of the main line track. A monel rivet, set in the east end of the northwest abutment of bridge #45.67 over the Neponset River. June 1935.

T.B.M. #2292

266.53 feet

On the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); about 0.3 mile south of North Street crossing; about 0.4 mile north of Chestnut Street crossing; 19.8 feet northeast of northeast main line rail. A chiseled square, in the center of the east granite header of bridge over the Neponset River. June 1935.

T.B.M. #2295

287.29 feet

In Foxborough Center, at the Foxborough station of the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch). A chiseled square, at the north end of the east doorsill. June 1935.

FOXBOROUGH Second Order Bench Marks (Continued)

- T.B.M. Neponset River #60 239.58 feet
In the northern part of Foxborough, on the southeast edge of capwall of culvert, which carries the Neponset River under Route #1; about 6 feet southwest of the southwest edge of culvert. A chiseled square. September 1935.
- T.B.M. Neponset River #61 . 235.75 feet
In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch), just north of the Route #1 overpass. A chiseled square, on the northeast end of the northwest abutment on bridge #44.81 over Neponset River. September 1935.
- T.B.M. Neponset River #62 258.76 feet
In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch); 280 feet northwest of North Street crossing and 17.4 feet southwest of the southwest rail of the main line track. A chiseled square, on the west end of the northwest abutment on bridge #45.67 over the Neponset River. September 1935.
- T.B.M. Neponset River #63 265.23 feet
In the northern part of Foxborough, on the southeast side of North Street; about 200 feet east of the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch). A chiseled square, on the southeast corner of the west wall of culvert and dam under North Street. September 1935.
- T.B.M. Neponset River #64 263.44 feet
In the northern part of Foxborough, on the N.Y., N.H. & H. R.R. (Framingham-Mansfield Branch), just south of the North Street crossing. A chiseled square, on the southwest end of the southeast abutment of bridge over the Neponset River. September 1935.
- T.B.M. Neponset River #66 268.11 feet
In the northern part of Foxborough, on the westerly edge of the Neponset Reservoir. An iron bolt, in the south face of the north abutment of sluiceway east of dam. The bolt projects about 1/2 inch from face of wall. September 1935.
- Massachusetts North Base, 1844 221.20 feet
In the easterly part of Foxborough, between the new state highway and the N.Y., N.H. & H. R.R. (Providence Division); about one mile north of the Lowney Chocolate Factory; about 435 feet north of railroad milepost B23-P21; 185 feet east of the east rail; 193 feet west of the highway; 34.4 feet north of a 12-inch oak tree; 28.9 feet northwest of an 8-inch oak tree; 15.7 feet south of a 6-inch oak tree. A cross cut, in a copper bolt in a granite bound, 6 inches above the ground, in the center of the masonry foundation of a former hexagonal brick tower. 1935.

FOXBOROUGH Second Order Bench Marks (Continued)

C130 (U.S.G.S.) 299.92 feet
In Foxborough Center, A U.S. Geological Survey standard tablet, stamped "C130-300-1934", set in the south concrete block at entrance to the Foxborough Cooperative Bank. January 1936.

C131 (U.S.G.S.) 259.66 feet
In the extreme northern part of Foxborough, on the east side of North Street; about 300 feet southeast of its intersection with Route #1. A U.S. Geological Survey standard tablet, stamped "C131-260-1934", set near the top on the northeast side of a large brimstone boulder. June 1934.

Chestnut 315.17 feet
In the west central part of the town, on the west side of Prospect Street, in the southeastern part of the State Forest Reservation; 1800 feet east of the C.C.C. camp (by trails from Mill Street). A U.S.C. & G.S. and State Survey standard disk, stamped "Chestnut", set on a ridge on the high point of a cracked boulder, 3 feet above the ground. January 1936.

Reference Mark #1 310.88 feet
A copper tack, leaded in a drill hole, in boulder, surrounded by a chiseled circle; 59.3 feet northwest of station, "Chestnut".

Reference Mark #2 312.41 feet
A copper tack, leaded in a drill hole, in boulder, surrounded by a chiseled circle; 26.7 feet southwest of the disk.

Bench Marks at Water Supply Units

68H-5 272.02 feet
About 1 1/2 miles north of the center of the town, on the west end of granite doorsill of pumping station; 8 feet from the southwest corner; 1600 feet north of Chestnut Street along private way which starts at a point 1200 feet northwest of the intersection of Mechanic and Chestnut Streets; 107.7 feet northwest of center of hydrant house and 73.7 feet west of center line of road. March 1936.

Ref. BM 68H-5A 277.85 feet
A monel rivet, set atop of foundation of inside coal bin; 18.7 feet west of center line of road; 8.5 feet north from most easterly side of building at south end and inside of doors.

Ref. BM 68H-5B 271.14 feet
A monel rivet, set atop of southeasterly corner of a 6-inch concrete head wall of manhole; 31.6 feet west of BM 68H-5 and 108.1 feet northwest of center of hydrant house.

68H-28 350.39 feet
On Foolish Hill, in the south central part of the town. Point can

FOXBOROUGH Second Order Bench Marks
at Water Supply Units (Continued)

be reached from Elm Street by traveling 2775 feet south along wood road to intersection, hence 1275 feet west along wood road to covered reservoir. A monel rivet, set on the doorsill of gatehouse of Mansfield Reservoir. March 1936.

Ref. BM 68H-28A 340.80 feet
 A monel rivet, set on top of a boulder; 93.4 feet northeast from the northeast corner of gatehouse; 104 feet north of a 16-inch oak tree and 1 foot above the ground.

Ref. BM 68H-28B 338.88 feet
 A 3/4-inch iron pin, set in concrete, on a ledge, on the center line of stone wall; 5 inches above the ground; 191 feet east from BM 68H-28 and 195 feet northeast from another pin set at the corner of stone wall and 104.20 feet south from BM 68H-28.

This covered storage reservoir is a part of the Mansfield water supply system. See MANSFIELD for supplementary data.

68H-29 308.57 feet
 About 1/2 mile north of the center of the town; 275 feet northwest of center of Garfield Street; 450 feet west of center of Baker Street; 175 feet southwest of center of Glenwood Road produced and 15.2 feet west of west end of southerly retaining wall. A monel rivet, set in concrete on ledge outcrop, 1.3 feet south of face of standpipe, flush with the ground. March 1936.

Ref. BM 68H-29A 307.22 feet
 A monel rivet, set in concrete on top of outcrop ledge; 36 feet southeast of standpipe; 36.8 feet southeast of BM 68H-29; 44 feet south of center of manhole and 17.8 feet northwest of center line of corner of stone wall.

Ref. BM 68H-29B 306.48 feet
 A monel rivet, set in concrete on top of ledge outcrop; 70.2 feet north of BM 68H-29A; 26.5 feet north of center of manhole and about 150 feet southeast of center line of Glenwood Street produced.

Supplementary Data

	Elevation
68H-5 <u>PUMPING STATION AT NEPONSET RESERVOIR</u>	
Pumping station floor	271.92
Wells G.L. (24 dia. 2 inches, Depth 33 ft.)	270.15
(37 dia. 2.5 inches, Depth 33 ft.)	
Seasonal variation in well levels unrecorded	

FOXBOROUGH Supplementary Data (Continued)

Neponset Reservoir

	Elevation
Dam - top of	271.95
Spillway crest (3.1 ft. F.B. may be used)	261.00
Pond gage - spike at spillway	268.20
Water level observed Oct. 27, 1937	265.20
High water date unavailable	268.87
Low water date unavailable	262.12
Water level flood Mar. 1936	267.70
Area 352 acres; available supply 9.4 m.g.	
68H-29 <u>BAKER STREET STANDPIPE</u>	
Top of foundation (Dia. 20 ft. x 120 ft.)	309.00
Overflow (Capacity 282,000 gals.)	429.00

FRANKLIN

(There are no First Order Bench Marks)

Second Order Bench Marks

17CJ 276.62 feet
In the eastern part of the town, on the north side of East Central Street (Route #140); 18.9 feet north from center line; 85.5 feet northeast from northeast corner of house, #440; 2430 feet east from center line of Lewis Street and 3700 feet west from Wrentham line. A U.S.C. & G.S. and State Survey standard disk, stamped "17CJ", set in a concrete monument. March 1936.

17CK 291.25 feet
In the center of the town, at the junction of East Central and Cross Streets; 27.4 feet southwest of center line of East Central Street; 51.2 feet north of center line of Cross Street; 12 feet southeast of center line of Milliken Avenue and 102.7 feet southeast of northeast corner of house, #140 East Central Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CK", set in a concrete monument, flush with the ground. June 1936.

17CL 309.32 feet
In the center of the town, at the northeast corner of Alpine Place and East Central Street; 30.1 feet north of center line of East Central Street; 17.4 feet east of Alpine Place; 91.5 feet west of hydrant and 15.9 feet from southwest corner of house, #65 East Central Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CL", set in a concrete monument, flush with the ground. June 1936.

17CM 314.64 feet
In the center of the town, on the south side of West Central Street; 15.3 feet from center line; 74.5 feet northwest of center line of East Street and 48.9 feet northwest of hydrant on corner of West Central and East Streets. A U.S.C. & G.S. and State Survey standard disk, stamped "17CM", set in a concrete monument, flush with the gutter. July 1935.

17CN 310.12 feet
In the center of the town, in the south lawn of Franklin High School; 40.1 feet south of south front of building; 52.5 feet southwest of southeast corner; 120.8 feet southeast of southwest corner; 185 feet east of center line of Union Street and 75.7 feet north of center line of West Central Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CN", set in a concrete monument, flush with the ground. July 1935.

17CP 302.62 feet
In the center of the town, at Alexander Patele Square; 18.9 feet

FRANKLIN Second Order Bench Marks (Continued)

south of center line of West Central Street; 26.5 feet west of center line of Union Street; 5.6 feet north of cemetery wall and 52.7 feet northwest of hydrant on easterly side of Union Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CP", set in a concrete monument, flush with sidewalk. July 1935.

17CQ 320.63 feet
In the center of the town, at the southwest corner of the common; 35.8 feet east of the center line of Union Street; 85.7 feet north of the center line of High Street; 69.6 feet northeast of hydrant on the west side of Union Street and 191.6 feet southwest of the southwest corner of base of Civil War Monument. A U.S.C. & G.S. and State Survey standard disk, stamped "17CQ", set in a concrete monument, flush with the ground. June 1936.

17CR 320.14 feet
In the center of the town, at the north end of the common; 53 feet west of center line of Main Street; 165 feet east of center line of Union Street; 72.7 feet east from World War Monument; 166.4 feet south of the southwest corner of St. Mary's Church and 133 feet south of north bound of Beaver Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CR", set in a concrete monument, flush with the ground. June 1936.

17CS 335.68 feet
In the center of the town, at the northeast corner of the junction of Crescent and Main Streets; 18.4 feet east of the center line of Main Street; 23 feet north of the center line of Crescent Street and 36.9 feet east from hydrant on west side of Main Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CS", set in a concrete monument, flush with the ground. June 1936.

17CT 337.23 feet
In the center of the town, on the north side of Crescent Street; 22.7 feet north of the center line; 129.7 feet northeast of the junction of Martin Street; 103.3 feet southeast of the southeast corner of house, #19 Crescent Street and 176.4 feet west of the center line of Hillside Road. A U.S.C. & G.S. and State Survey standard disk, stamped "17CT", set in a concrete monument, flush with the ground. June 1936.

17CV 375.13 feet
In the center of the town, on the east side of two water standpipes; 391 feet east from the intersection of Crescent Street and Hillside Road; 285 feet south from the center line of Fales Street; 40.2 feet southeast of north standpipe and 47.1 feet northeast of south standpipe. A U.S.C. & G.S. and State Survey standard disk, stamped "17CV", set in a concrete monument, flush with the ground. June 1936.

FRANKLIN Second Order Bench Marks (Continued)

17CW 264.14 feet
In the center of the town, on the northwest side of the N.Y.,N.H. & H. R.R.; 4100 feet northeast along tracks from center of bridge of Central Street; 8.6 feet northwest of the northwest rail and 35 feet northeast along tracks from small dam between two ponds. A U.S.C. & G.S. and State Survey standard disk, stamped "17CW", set in a concrete monument, flush with the ground. July 1936.

17CX 248.50 feet
In the northeastern part of the town, on the southeast side of the N.Y.,N.H. & H. R.R.; 12.4 feet southeast of the southeast rail; 1222 feet southwest of milepost B-26 and 1572 feet southwest along tracks from center of highway bridge on Chestnut Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CX", set in a concrete monument, flush with the ground. July 1936.

17CY 279.78 feet
In the center of the town, on the west side of Union Street; 37.6 feet west of center line; 52 feet east of the southeast corner of factory of H. T. Hayward Company; 72 feet northwest of northwest corner of railroad switch tower and 29.6 feet north of the north rail of the west bound main line track. A U.S.C. & G.S. and State Survey standard disk, stamped "17CY", set in a concrete monument, flush with the ground. July 1935.

17CZ 264.16 feet
In the center of the town, on the south side of the N.Y.,N.H. & H. R.R. (Milford Branch); 26.3 feet south of center line of dirt road to pumping station; 84.2 feet south of near rail; 100 feet west along railroad from Fisher Street and 157.7 feet southwest from southwest corner of brick store shed at Franklin Weaving Company. A U.S.C. & G.S. and State Survey standard disk, stamped "17CZ", set in a concrete monument, flush with the ground. July 1936.

17DA 240.35 feet
In the center of the town, on the southwest side of the N.Y.,N.H. & H. R.R. (Milford Branch); 401 feet from the southwest rail, in a grass plot; approximately 900 feet northwest along railroad tracks from crossing at Fisher Street, northeast of pumping station; 73 feet northwest of northeast corner of caretaker's cottage; 50.8 feet north from the northeast corner of brick pump house and 45.7 feet southwest of center line of pumping station road. A U.S.C. & G.S. and State Survey standard disk, stamped "17DA", set in a concrete monument, flush with the ground. July 1936.

17DB 257.50 feet
In the center of the town, on the northeast side of West Central Street (Route #140); 19 feet from the center line; 277 feet southeast from the intersection of Beaver Street; 142 feet south from

FRANKLIN Second Order Bench Marks (Continued)

center line of Beaver Street and 94.7 feet south from south corner of Casali Monumental Works. A U.S.C. & G.S. and State Survey standard disk, stamped "17DB", set in a concrete monument. July 1935.

17DC 237.21 feet
In the west central part of the town, on the south side of West Central Street (Route #140); 14.5 feet from center line; 326 feet southeast of the east corner of dwelling at #438; 856 feet from intersection of Beaver Street; 73 feet northwest of the center line of culvert and 190 feet southeast of center line of private way leading to swimming pool. A U.S.C. & G.S. and State Survey standard disk, stamped "17DC", set in the top of a concrete monument, flush with the ground. July 1935.

17DD 273.77 feet
In the west central part of the town, on the south side of West Central Street (Route #140); 13 feet from center line; 64.5 feet northwest from northwest corner of dwelling at #490; 1916 feet west from its intersection with Beaver Street and 77.6 feet northeast from northeast corner of Bright Farm Dairy's roadside stand. A U.S.C. & G.S. and State Survey standard disk, stamped "17DD", set in the top of a concrete monument, flush with the ground. July 1935.

17DE 231.97 feet
In the west central part of the town, on the south side of West Central Street (Route #140); 39 feet south from the center line; 174 feet southeast from intersection of Grove Street; 88 feet east from center line of Grove Street and 40 feet east from center of catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "17DE", set in the top of a concrete monument, flush with the ground. July 1935.

17DF 216.81 feet
In the west central part of the town, on the north side of West Central Street (Route #140); 78 feet from the center line; 1705 feet northwest from the intersection of Grove Street; 1497 feet east from center line of N.Y., N.H. & H. R.R. (Milford Branch) bridge and 75 feet east from a hydrant. A U.S.C. & G.S. and State Survey standard disk, stamped "17DF", set in the top of a concrete monument, flush with the ground. September 1935.

T.B.M. #2061 259.88 feet
In the southeastern part of the town, on the south side of East Central Street (Route #140); 24 feet from center line, approximately on Wrentham line. A chiseled square, in a ledge outcrop. July 1936.

T.B.M. #2062 310.59 feet
In the center of the town, on the east side of Wachusett Street; 22 feet from center line and 24.2 feet west of the southwest corner. A chiseled square, in a ledge outcrop. July 1935.

FRANKLIN Second Order Bench Marks (Continued)

T.B.M. #2064 244.98 feet
In the south central part of the town, on the northwest side of the N.Y., N.H. & H. R.R. (Midland Division); 96 feet from the northwest rail in a field; 0.8 mile southwest of Union Street; 800 feet southwest of Mine Brook culvert and 20 feet southwest of path through woods. A chiseled square, in a ledge outcrop. July 1935.

T.B.M. #2065 253.09 feet
In the southwestern part of the town, on the south side of the N.Y., N.H. & H. R.R. (Midland Division); 22.4 feet from the southeast main line rail and 123 feet northeast of the center line of Grove Street crossing. A chiseled square, in a ledge outcrop. August 1935.

T.B.M. #2066 267.99 feet
At Wadsworth station, on the southern side of the N.Y., N.H. & H. R.R. (Midland Division); 42 feet from south rail and 300 feet west of the center line of Spring Street on the west side of a culvert. A chiseled square, on the south end of the bottom stone. August 1935.

T.B.M. #2067 274.62 feet
In the southwestern part of the town, on the north side of the N.Y., N.H. & H. R.R. (Midland Division), on the southwest corner of granite foundation of wooden trestle, on north side of tracks under Prospect Street. A chiseled square. September 1935.

T.B.M. #2076 243.45 feet
In the southwestern part of the town, on the west side of Prospect Street; 13 feet from center line; 259 feet south of a Bellingham line bound, on east side of road and about 1.5 miles south of Maple Street (Route #140) in Bellingham. A chiseled square, on a ledge outcrop. September 1935.

Note: This street runs along town line, crossing it several times with a different name in each town.

T.B.M. #2077 256.13 feet
In the southwestern part of the town, on the west side of Prospect Street; 15 feet from center line; 99 feet south of a Bellingham line bound, on west side of road and about 1 mile south of Maple Street (Route #140) Bellingham. A chiseled square in a ledge outcrop. September 1935.

Note: This street runs along town line, crossing it several times with a different name in each town.

T.B.M. #2078 267.83 feet
In the western part of the town, on the south side of West Central Street (Route #140); 22 feet from center line; 200 feet east of center line of Maple Street in Bellingham. A chiseled square, on a high point. September 1935.

FRANKLIN Second Order Bench Marks (Continued)

T.B.M. #2079 260.01 feet
In the west central part of the town, on the south side of West Central Street (Route #140); 30 feet from center line and 16 feet west of center line (produced) of Pond Street, on the northeast corner of concrete top of Water Department manhole. A chiseled square. September 1935.

CG52 229.18 feet
In the northwestern part of the town, on the west side of Pond Street, about 0.4 mile from Route #140, on the east of the sewer beds; 95 feet south of east gatehouse; 97.4 feet southeast of west gatehouse; 21.5 feet southwest of center line of dirt road just east of gatehouses and 1040 feet north of junction of road from Pond Street. A U.S.C. & G.S. and State Survey standard disk, stamped "CG52", set in a rock, the top of which is 3 feet above ground. September 1935.

Franklin B.M. 316.44 feet
In the center of the town, on the northern side of Dean Avenue, on the west side of Y.M.C.A.; 1.0 foot south of the southwest corner of north ell of building. A drill hole in the north parapet wall. July 1935.

Note: It is reported that this bench mark is used for local work by the town of Franklin.

Bench Marks at Water Supply Units

68H-22 240.37 feet
About 1 mile west of Franklin, on grass lawn north of Franklin pumping station. To reach this point by auto from Franklin Center, proceed northwest along Route #140 about 0.5 mile, then turn left at Union and right at McCarty Road and follow road to pumping station. A bronze disk, set in a concrete bound, 19 feet north of center of road. June 1936.

Ref. BM 68H-22A 240.71 feet
A monel rivet, set in concrete fence base at northeast corner of power house and 44.6 feet southwest of BM 68H-22.

Ref. BM 68H-22B 240.74 feet
A monel rivet, set in concrete fence base, on east side of power house and 22 feet west of the southwest corner of engineer's house.

68H-30 375.13 feet
(Same as U.S.C. & G.S. and State Survey standard disk, "17CV"). June 1936.

Ref. BM 68H-30A 372.43 feet
A monel rivet set in the base of southeast standpipe; 70.3 feet southwest of BM 68H-30.

FRANKLIN Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68H-30B 367.77 feet
 A monel rivet, set in a ledge outcrop; 6 feet north from three oak trees and 46.7 feet east from southeast corner of garage.

Supplementary Data

	Elevation
<u>68H-22 BEAVER POND PUMPING STATION</u>	
Old pumping station floor	241.13
New pumping station lower floor	231.63
Beaver Pond Dam - top of embankment	232.73
Pipe spillway	228.43
Water level observed Feb. 2, 1937	230.35
High water recorded. Date unavailable	232.43
Low water recorded. Date unavailable	224.43
Area 37 acres; available supply not known	
Dug well - Top of (Dia. 22 ft., Depth 22 ft.)	236.63
Seasonal variation in water levels unrecorded	
Ground at tubular wells (1 - Dia. 36 inches)	231.45
Average depth 22 ft. (6 - Dia. 30 inches)	
(12- Dia. 24 inches)	
Seasonal variation in water levels unrecorded	
 <u>68H-30 ALPINE STREET STANDPIPES</u>	
Bottom of smaller (Dia. 30 ft., Ht. 80 ft.)	377.60
Overflow (Capacity 420,000 gals.)	457.60
Bottom of larger (Dia. 50 ft., Ht. 85 ft.)	372.76
Overflow (Capacity 1,250,000 gals.)	457.76

HOLBROOK

First Order Bench Marks

G13 208.836 feet
 At the town hall, on the first step of the south entrance. A U.S.C. & G.S. standard bench mark disk, stamped "G13-M.G.S.-1936-208.836", set 2 inches from pillar base, 8 inches above sidewalk. July 1936. Recovered in good condition February 1940.

57K 135.769 feet
 In the western part of the town, on the west side of the N.Y., N.H. & H. R.R.; 20.2 feet from west rail, near the station; 176 feet south of Randolph town bound, on south side of Union Street; 80.4 feet north of Randolph town bound, on west side of railroad and 57 feet east of center line of Center Street. A U.S.C. & G.S. and State Survey standard disk, stamped "57K-135.769", set in a concrete monument, 1 inch below the ground and 5 feet above top of rail. July 1936. Recovered in good condition February 1940.

57L 212.325 feet
 In the center of the town, on the north side of Plymouth Street; 25 feet from center line; about 375 feet east of center line of the square; 14.9 feet east of pole #9/4; 93.6 feet west of pole #9/5; 169.6 feet northwest of center of hydrant; 84.4 feet northeast of northwest corner of house, #43 and 29.7 feet southwest of southwest corner of house, #48. A U.S.C. & G.S. and State Survey standard disk, stamped "57L-212.325", set in a concrete monument, 3 inches below the ground. August 1936. Recovered in good condition February 1940.

57M 212.063 feet
 In the center of the town, on the north side of Plymouth Street; 29 feet from center line; 1500 feet east of the square; 57.2 feet southeast of stone highway bound; 50.3 feet south of south corner of house, #134; 85 feet west of west corner of another house; 105 feet northwest of pole #9/17; 7.9 feet north of pole #9/16 and 51 feet east of center of hydrant. A U.S.C. & G.S. and State Survey standard disk, stamped "57M-212.063", set in a concrete monument, flush with the ground. August 1936. Recovered in good condition February 1940.

T.B.M. #256 131.742 feet
 In the western part of the town, on the northwest side of the N.Y., N.H. & H. R.R. (Boston Division); 28 feet from northwest rail and 5 feet northeast of northeast side of station. A chiseled square, on high point of Randolph town bound. July 1936.

T.B.M. #3057 203.206 feet
 In the east central part of the town, at the intersection of Plymouth and Weymouth Streets, at the southeast corner of Hamilton's garage, on the southwest corner of air pump base; 4 inches from west side; 5 inches from south side and 24 feet south from front wall of building. A monel rivet. August 1936.

HOLBROOK First Order Bench Marks (Continued)

T.B.M. #3058 246.760 feet
 In the northeastern part of the town, on the southeast side of Weymouth Street; 15.9 feet from the center line; 35.4 feet north of the northeast corner of house, #199 and 200 feet southwest of the intersection of Pine and Pond Streets. A monel rivet, set in the northeast end of a granite sewer-inlet stone, 2 inches above street level. August 1936.

T.B.M. #3059 171.012 feet
 In the northeastern part of the town, on the south side of Forest Street, on the Weymouth town bound; 15 feet southwest of the center line of driveway to house, #393 Forest Street; 9 feet north of Weymouth line marker and 4 feet above highway level. A monel rivet. August 1936.

207.62 (U.S.G.S.) 207.531 feet
 In the center of the town, in the southeast angle of intersection of Plymouth and Franklin Streets; 70 feet north and 70 feet east of the post office. A chiseled square, on west end of curb inlet stone. July 1936.

Holbrook Town Hall 208.826 feet
 In the center of the town, on the west side of Franklin Street, north of Union Street, at the south entrance of the town hall. A chiseled square, on the north front corner of the bottom granite step. July 1936.

Second Order Bench Marks

57N 151.29 feet
 In the western part of the town, on the west side of the N.Y., N.H. & H. R.R.; 31.8 feet from west rail; about 1/2 mile south of the station; 415 feet south of center line of South Street and 118.5 feet southwest of semaphore #69. A U.S.C. & G.S. and State Survey standard disk, stamped "57N", set in a ledge, 7.5 feet above track level. July 1935.

*57BA feet
 In the east central part of the town, on the northeast side of Plymouth Street; 54.7 feet from center line, in lawn of house, #268; 7.7 feet east of pole #9-32; 44.8 feet southeast of southwest corner of house, #268; 23.3 feet south of south corner of same house; 49.1 feet northwest of most northerly front corner of house, #261 and 500 feet east of center of Weymouth Street. A Mass. Dept. of Public Works standard traverse disk, stamped "57BA", set in a concrete monument, the top of which is three inches below the ground.

*The elevation of this mark has not been determined.

HOLBROOK Second Order Bench Marks (Continued)

*57BB feet
 In the east central part of the town, on the west side of Plymouth Street; 42.2 feet from the center line; about 3400 feet south of Weymouth Street, at right angle curve adjacent to Kunon's greenhouses; 118 feet west of southwest corner of house, #510; 113 feet southwest of southwest corner of most southerly of four greenhouses; 28.1 feet northwest of pole #9-58 and fire alarm box #221; 15 feet north of end of wall and 3.6 feet east of same wall. A Mass. Dept. of Public Works standard traverse disk, stamped "57BB", set in a concrete monument, two inches above the ground.

*57BC feet
 In the eastern part of the town, on the south side of Plymouth Street; 23.7 feet from the center line; 64.6 feet west of the northwest corner of house, #573; 60 feet northwest of pole #9-65; 49 feet east of wire fence corner; 71.1 feet southeast of pole #9-64 and 2600 feet west of Sycamore Street. A Mass. Dept. of Public Works standard traverse disk, stamped "57BC", set in a concrete monument, two inches above the ground.

*57BD feet
 In the eastern part of the town, on the south side of Plymouth Street; 17.8 feet from center line; 81.9 feet southwest of southwest corner of house, #660; 37.6 feet west of pole #9-75; 5.8 feet north of stone wall; 77 feet northwest of northwest corner of house, #645; 61.6 feet east of pole #9-74 and 1490 feet west of Sycamore Street. A Mass. Dept. of Public Works standard traverse disk, stamped "57BD", set in a concrete monument, one inch above the ground.

*57BE feet
 In the eastern part of the town, on the north side of Plymouth Street; 14.7 feet from center line; 11.2 feet south of stone wall; 73.9 feet southwest of southwest corner of house, #724; 12.1 feet southwest of a 16-inch elm tree; 77 feet west of hydrant; 32.5 feet northwest of pole #9-82 and 690 feet west of Sycamore Street. A Mass. Dept. of Public Works standard traverse disk, stamped "57BE", set in a concrete monument, the top of which is flush with the ground.

*57BF feet
 In the eastern part of Holbrook, on the east side of Plymouth Street, at intersection with Sycamore Street; 91.6 feet northwest of northwest corner of house, #772; 10.5 feet north of a 36-inch elm tree; 16.6 feet northeast of pole #9-88; 109 feet east of center of most southerly culvert granite block and 79.6 feet southeast of center of most northerly culvert granite block. A Mass. Dept. of Public Works standard traverse disk, stamped "57BF", set in a granite boulder, the top of which is three inches above the ground.

*The elevation of this mark has not been determined.

HOLBROOK Second Order Bench Marks (Continued)

*57BG feet
 In the southeastern part of the town, on the west side of Sycamore Street; 16 feet from center line; 1430 feet south of junction of Plymouth Street; 1080 feet north of Weymouth town bound; 179.6 feet southwest of pole #9-100 and 222 feet north of center of most westerly culvert head wall. A Mass. Dept. of Public Works standard traverse disk, stamped "57BG", set in a concrete monument, the top of which is one inch above the ground.

*105A feet
 In the southern part of the town, on the east side of Quincy Street, 10.5 feet east from center line; 28.3 feet east of an 18-inch oak tree, on west side of street; 5.2 feet northwest of a 12-inch oak tree, on east side of street and 1350 feet north of intersection of Boundary Avenue and North Quincy Street in Brockton. A drill hole, in top of a granite bound, about 4 feet above ground marking the corner between Brockton, Holbrook and Abington. (Corner #7, Brockton City Plan).

*105B feet
 In the southern part of the town, on the west side of Linwood Street; 17 feet from center line; 43 feet southwest of a hydrant, on east side of street; 29 feet southeast of southeast corner of house, #87; 71.5 feet northeast of northeast corner of house, #187 Boundary Street, Brockton and 1252 feet south of intersection of Franklin Street. A drill hole, in a granite monument, about three feet above ground, marking the Brockton line.

T.B.M. #2143 262.02 feet
 In the northeastern part of the town, on the west side of Pine Street; about 800 feet north of Weymouth Street, on easterly pier of Fire Observation Tower #15. The top of northeast anchor bolt. March 1936.

Ref. T.B.M. #2143A 260.70 feet
 A monel rivet, set in a granite outcrop; 37 feet west of T.B.M. #2143 and 82 feet northwest of Ref. T.B.M. #2143B. March 1936.

Ref. T.B.M. #2143B 259.38 feet
 A monel rivet, set in a granite outcrop; 60 feet south of T.B.M. #2143 and 82 feet southeast of Ref. T.B.M. #2143A. March 1936.

Bench Marks at Water Supply Units

68J-13 257.38 feet
 About 1.3 miles east from Holbrook; 0.5 mile southeast from Holbrook Center along Plymouth Street to Weymouth Street, then along Weymouth

*The elevation of this mark has not been determined.

HOLBROOK Second Order Bench Marks at Water Supply Units (Continued)

Street 0.55 mile to its intersection with Sycamore, Pine and Pond Streets; then 0.2 mile south along Sycamore Street to site. A monel rivet, set in top of granite outcrop, 56 feet east of center line of Sycamore Street and 105 feet northwest of a wire fence enclosing the Holbrook standpipe. March 1936.

Ref. BM 68J-13A

253.50 feet

A monel rivet, set in top of a granite outcrop; 45 feet west of the center line of Sycamore Street and 105.5 feet north of the northeast corner of house, #63 and 101 feet west of BM 68J-13. March 1936.

Ref. BM 68J-13B

257.01 feet

A monel rivet, set in top of a granite outcrop; 120 feet north of wire fence enclosing the Holbrook standpipe and 106 feet east of BM 68J-13. March 1936.

This standpipe is part of the Randolph water supply system. See RANDOLPH for supplementary data.

MEDFIELD

(There are no First Order Bench Marks)

Second Order Bench Marks

35N 135.86 feet
At Medfield Junction on the N.Y., N.H. & H. R.R., in the north angle between the Woonsocket and the Taunton Divisions; 13.1 feet from the northeast rail of Taunton Division; 13 feet from the northwest rail of Woonsocket Division and 34.7 feet west of the west corner of the station. A U.S.C. & G.S. and State Survey standard disk, stamped "35N", set in a concrete monument, flush with the ground. September 1936.

35P 140.80 feet
At Medfield Junction, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division); 13.6 feet from the southwest rail; 14.6 feet northeast of wire fence; about 767 feet southeast of the center line of Mill Street and 1413 feet northwest of the center line of West Street. A U.S.C. & G.S. and State Survey standard disk, stamped "35P", set in a concrete monument, flush with the ground. May 1935.

35Q 179.66 feet
In the center of the town, at the southwest corner of the N.Y., N.H. & H. R.R. (Taunton Division) and Main Street (Route #109); 26 feet from the center line of street; 6 feet from southwest rail and 48.5 feet southwest of catch basin on south side of street. A U.S.C. & G.S. and State Survey standard disk, stamped "35Q", set in a concrete monument, flush with the ground. May 1935.

35R 171.20 feet
In the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 9.2 feet from west rail; 9.1 feet northeast of wire fence; 1338 feet southeast of Main Street; 134.3 feet northwest of the northwest corner of coal pockets and 1000 feet south of the Medfield station. A U.S.C. & G.S. and State Survey standard disk, stamped "35R", set in a concrete monument level with the ground. May 1935.

T.B.M. #2083 183.07 feet
In the northern part of the town, on the northwest side of the N.Y., N.H. & H. R.R. (Woonsocket Division); 89.2 feet from northwest rail and 19 feet southwest of center line of Farm Street at the Farm Street station. A chiseled square, in a ledge outcrop. August 1935.

T.B.M. #2276 128.28 feet
In the northwestern corner of the town, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division), on the northeast end of the southeast abutment of bridge over the Charles River. A steel rivet. May 1935.

MEDFIELD Second Order Bench Marks (Continued)

- T.B.M. #2277 128.40 feet
In the northwest corner of the town, at the south corner of Hospital Road (Route #27) and the N.Y., N.H. & H. R.R. (Taunton Division); 26.2 feet south from the center line of the road and 32.8 feet from the southwest rail. A steel rivet, set in a ledge outcrop. May 1935.
- T.B.M. #2278 133.15 feet
At Medfield Junction, on the northeast side of the N.Y., N.H. & H. R.R. (Taunton Division); 10 feet east from the northeast main line rail, on the northeast end of the southeast abutment of bridge over brook northwest of the station. A steel rivet. May 1935.
- T.B.M. #2279 166.77 feet
In the center of the town, on the northeast side of the N.Y., N.H. & H. R.R. (Taunton Division); 19.2 feet from the northeast rail and 167.5 feet northwest of the center line of Oak Street. A chiseled square, in a ledge outcrop. May 1935.
- T.B.M. #2280 177.92 feet
In the center of the town, on the northeast side of the N.Y., N.H. & H. R.R. (Taunton Division); 19.1 feet from northeast rail, on the northeast end of the southeast bridge abutment of the Frairy Street underpass. A steel rivet. May 1935.
- T.B.M. #2281 182.40 feet
In the center of the town, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division), on the top stone of the southwest wing of northwest abutment of Curve Street overpass bridge and 16 feet from the center line of street. A steel rivet. May 1935.
- T.B.M. #2282 169.88 feet
In the south central part of the town, on the west side of the N.Y., N.H. & H. R.R. (Taunton Division); 1400 feet southeast of South Street. High point on granite milepost #47-23. May 1935.
- T.B.M. #2283 153.85 feet
In the southeastern part of the town, on the southwest side of the N.Y., N.H. & H. R.R. (Taunton Division); 1.25 miles southeast of South Street. A chiseled cross, on the northeast corner of milepost #48-22.
- T.B.M. Charles River #51 123.01 feet
In the southwestern corner of the town, on the north side of Orchard Street, at the east end of bridge over the Charles River. A cut square on concrete abutment. November 1935.
- T.B.M. Charles River #94 128.81 feet
In the northwest corner of the town, on the north side of Hospital Road, in the top center of the northeast (downstream) corner con-

MEDFIELD Second Order Bench Marks (Continued)

crete pier of two span concrete arch bridge over the Charles River. A chiseled square. October 1935.

T.B.M. Charles River #95 127.20 feet
In the western part of the town, on the northwest side of Bridge Street, in the center and top of the north concrete railing pier of the northwest (downstream) concrete abutment wall of the bridge over the Charles River. A chiseled square. November 1935.

T.B.M. Charles River #97 122.80 feet
In the southwestern part of the town, on the south side of Dwight Street bridge over Charles River; 12.3 feet southwest from the southwest corner of the southwest wing wall. A spike, set on the northwest side of a 28-inch oak tree, 4.6 feet above the ground. November 1935.

Bench Marks at Water Supply Units

68E-17 176.29 feet
About 1/4 mile northeast of Medfield, at obsolete water tank which is set on steel truss work in west headwall of culvert over stream running east and west by tank. To reach this point, proceed easterly along Route #109 out of Medfield, about 0.2 mile to Brook Street and take Brook Street northerly; 520 feet north of center line of Route #109 and 20.2 feet west of center line of Brook Street. A monel rivet, set in large stone in head wall. January 1936.

Ref. BM 68E-17A 176.47 feet
A monel rivet, set in a stone bound; 192.8 feet north along Brook Street from BM 68E-17 and 23 feet east of center line of street opposite house, #27.

Ref. BM 68E-17B 178.61 feet
A monel rivet, set in stone bound; 202.7 feet north along Brook Street from BM 68E-17A and 21.9 feet east of center line of street and opposite house, #35.

68E-50 140.27 feet
About 1.3 miles northwest from town hall, in the northern part of the town, east of the N.Y., N.H. & H. R.R. (Woonsocket Branch) and north of Harding Street. To reach bench mark from town hall, proceed north on North Street and northwest on Harding Street, and on the north side of Harding Street, near and opposite to Mill Street, turn right into a driveway to pumping station. A chiseled square, on north end of concrete slab at station entrance. February 1937.

Ref. BM 68E-50A 142.82 feet
A cut cross, on northeast cap bolt of hydrant, 90 feet southwest from BM 68E-50.

MEDFIELD Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68E-50B 140.14 feet
A chiseled square, on the northeast corner of concrete well at northeast corner of station.

68E-51 127.71 feet
About 2.5 miles northwest from the town hall, on the hospital grounds, on the bank of the Charles River, south of Dover town line. To reach bench mark from town hall, proceed north on North Street, Harding Street, Hospital Road and turn right into hospital driveway, continue on left fork, turning left at ball field along winding road to pumping station. A chiseled square, on center of granite doorsill of south entrance to station. February 1937.

Ref. BM 68E-51A 127.19 feet
A chiseled square, on north end of concrete well cover, 25 feet south of BM 68E-51.

Ref. BM 68E-51B 124.89 feet
A chiseled square, on top of town bound on the east bank of the Charles River, being the witness mark for the Dover-Medfield-Sherborn town corner; a rough stone slab three feet high, having a rounded top, 100 feet northwest of BM 68E-51.

68E-52 228.28 feet
About 2.3 miles northwest from the town hall, in a field east of the hospital buildings. To reach bench mark from town hall, proceed north on North Street, Harding Street and Hospital Road and turn right into hospital driveway, continue on right fork passing to the rear of the buildings to standpipe location. A chiseled square, on the west side of foundation water table over pipe well. February 1937.

Ref. BM 68E-52A 230.91 feet
A chiseled square, on the northeast corner of concrete porch floor, 3.5 feet above ground of north wing of building No. F-1.

Ref. BM 68E-52B 227.59 feet
A chiseled square, on middle of granite doorsill, on northeast corner of south wing of building No. F-1.

Supplementary Data

68E-17 VINE BROOK PUMPING STATION

This is the former site of Medfield water tank and pumping station now removed. The town now purchases its water supply from the State Hospital in Medfield.

MEDFIELD Supplementary Data (Continued)

	Elevation
<u>68E-50 HARDING STREET PUMPING STATION</u>	
Pumping station floor (State Hospital plant)	137.86
Wells G.L. (63 driven, Dia. 2 1/2 in., Ave.D. 30-40 ft.)	137.74
High water recorded March 19, 1936	137.74
Low water recorded September 7, 1934	129.11
<u>68E-51 CHARLES RIVER PUMPING STATION</u>	
Pumping station floor (State Hospital plant)	125.70
Wells G.L. (11 driven, Dia. 2 1/2 in., Av.D. 25-30 ft.)	123.64
Seasonal variation in water level unrecorded	
<u>68E-52 STATE HOSPITAL STANDPIPE</u>	
Bottom of standpipe (Dia. 50 ft., Ht. 116 ft.)	228.43
Overflow (Capacity 1,680,000 gals.)	343.43

MEDWAY

First Order Bench Marks

52K 194.910 feet
In West Medway; 29 feet south of center line of Village Street, on center line extended of Lincoln Street; 41.7 feet northeast of west corner of house on J. Cerel's estate; 19.3 feet southeast of sewer in Village Street; 3 feet north of pole #38/135; 12 feet east of center line extended of High Street and 196 feet west of center line of Campbell Street. A U.S.C. & G.S. and State Survey standard disk, stamped "52K-194.910", set in a concrete monument, 5 inches below the ground. January 1937. Recovered in good condition July 1940.

52L 235.346 feet
In West Medway; 21.5 feet northwest of center line of Main Street; 70.2 feet northeast of center line of Slocomb Place; 57.4 feet southeast of south corner of Coomb's store; 5.1 feet south of center of hydrant and 13 feet northeast of center line extended of High Street. A U.S.C. & G.S. and State Survey standard disk, stamped "52L-235.346", set in a concrete monument, flush with the ground. January 1937. Recovered in good condition July 1940.

52M 258.570 feet
In West Medway; 21.4 feet south of center line of Milford Street; 36 feet northeast of north corner of #12; 27.6 feet west of center line of driveway; 200 feet southwest of intersection of center line of Highland Street; 61.6 feet southwest of center of header of catch basin, on north side of street and 49.3 feet southwest of center of catch basin header, on south side of street. A U.S.C. & G.S. and State Survey standard disk, stamped "52M-258.570", set in a concrete monument, flush with the ground. January 1937. Recovered in good condition July 1940.

52P 270.565 feet
In the western part of the town, on the north side of Milford Street; 17.6 feet from the center line; 77.1 feet southeast of southwest corner of Rock Garden Inn; 6.8 feet west of pole #24/93 and 1203 feet east of Milford line. A U.S.C. & G.S. and State Survey standard disk, stamped "52P-270.565", set in a concrete monument, flush with the ground. June 1939. Recovered in good condition July 1940.

77A 266.590 feet
In the southwestern part of the town, on the west side of Summer Street; 10.8 feet from the center line; 62 feet north from the center line of private road to F. Recke's farm; 67.5 feet north of pole #88; 94.8 feet south of pole #87, both poles being on the east side of the street; 2.2 feet east from the stone wall and 0.2 mile north from Milford Road. A U.S.C. & G.S. and State Survey standard disk, stamped "77A-266.590", set in a concrete monument, flush with the ground. December 1936. Recovered in good condition July 1940.

MEDWAY First Order Bench Marks (Continued)77B

238.859 feet

In the northwestern part of the town, on the east side of Summer Street; 11.4 feet from the center line; 11.2 feet west from stone wall; 45.8 feet south from Holliston line stone bound, marked "21-M-31" on south side and "H-31-36" on north side and 45.2 feet south of a concrete post holding town marker. A U.S.C. & G.S. and State Survey standard disk, stamped "77B-238.859", set in a concrete monument, flush with the ground. December 1936. Recovered in good condition July 1940.

T.B.M. #3066

275.074 feet

In the west central part of the town, on the east side of Summer Street, at its intersection with Adams Street; 34 feet south of the north end of the wall; 61 feet south of the center line of Adams Street; 16.4 feet east of the center line of Summer Street; 2.8 feet northeast of a ten-inch maple tree and 2.5 feet above level of Summer Street. A monel rivet, set in a wall of granite stones. December 1936.

T.B.M. #3067

181.745 feet

In West Medway, on the southeast side of the N.Y., N.H. & H. R.R. (Needham Branch); 10.1 feet southeast of the southeast rail; 1 foot southwest of the face of abutment and 5 feet below level of rail. A monel rivet, set in the southeast end of the southwest abutment of bridge over Village Street. January 1937.

T.B.M. #3068

184,240 feet

About 1 mile southwest of West Medway station, on the northwest side of the N.Y., N.H. & H. R.R. (Needham Branch); 500 feet southeast of Village Street; 16 rails northeast of a switch for spur track; 16.3 feet northwest of the northwest rail and 6.5 feet below level of rail. A monel rivet, set in the northeast corner of a culvert. January 1937.

T.B.M. #3183

134.699 feet

About 0.4 mile east of town hall; 140 feet east of the intersection of Village and Populatio Streets, on the north side of Village Street. A monel rivet, set in the north end of angled culvert carrying small brook. May 1939.

T.B.M. #3184

182.149 feet

In West Medway, on the north side of Village Street; 118 feet from the center line; 210 feet northeast of northeast corner of Linden's farmhouse; 102 feet north of pole #101; 98 feet north of a 3-foot elm tree; 86 feet northwest of the northwest corner of a culvert for drainage ditch and 0.35 mile east of the intersection of Shaw Street. A monel rivet, set in a large boulder outcrop, in a clump of trees. May 1939.

MEDWAY First Order Bench Marks (Continued)

- T.B.M. #3185 215.250 feet
In the southwestern part of the town, on the north side of Milford Street (Route #109); 62.5 feet from the center line, at the power line crossing; 126 feet north of the base of the easterly steel tower, on south side of the street; 100 feet east of the base of the easterly steel tower, on north side of the street and 1335 feet west of Fisher Street. A monel rivet, set in a boulder outcrop, in field, about 1.5 feet above highway level. July 1939.
- T.B.M. #3186 252.256 feet
In the southwestern part of the town, in the southeast angle of the intersection of Milford Street (Route #109) and West Street. A chiseled square, on the highest part of the largest boulder, between two oak trees. July 1939.
- T.B.M. Charles River #32 179.446 feet
In the southern part of West Medway, on the west side of Franklin Street, at north end of bridge over the Charles River. A cut square, on stone wall. January 1937.
- T.B.M. Charles River #34 213.257 feet
In the center of the town, on the south side of Village Street; 29.5 feet from center line in front of Catholic Church; 51.5 feet from the northwest corner. A granite post, at east side of west walk to church, at street line. No mark. May 1939.
- 158.7 (U.S.G.S.) 158.642 feet
At the Millis-Medway town line, on the east side of Farm Street, at intersection of Village Street; 85 feet north of a 10-foot granite bound, in triangular grass plot; 10 feet east of center line of Farm Street and 76 feet north of Millis town line marker. A railroad spike, driven in the trunk of a 30-inch oak tree. May 1939.
- AH53 189.571 feet
In West Medway, on the north side of Village Street and 100 yards east of the intersection of Shaw Street. A Mass. Dept. of Public Works standard bench mark disk, stamped "AH53-1939-189.571", set in the concrete buttress on the steps at the north entrance of the high school. May 1939. Recovered in good condition July 1940.
- AJ53 259.079 feet
In the southwestern part of the town, in the northwest corner of the intersection of Milford Street (Route #109) and Summer Street; 101 feet north of center line of Milford Street and 93 feet west of center line of Summer Street. A Mass. Dept. of Public Works standard bench mark disk, stamped "AJ53-1939-259.079", set in the top of a ledge outcrop. July 1939. Recovered in good condition July 1940.

MEDWAY First Order Bench Marks (Continued)

Ref. B.M. 68E-31B 278.334 feet
 About 0.5 mile northwest of West Medway, on the south side of Highland Street; 20.5 feet from the center line on property of O. Beemis; 23.3 feet southeast of northeast corner of the house and 159.3 feet southeast of standpipe center projected onto street. A monel rivet, set in flat boulder about 3 inches above ground. December 1936.

Second Order Bench Marks

52H 166.32 feet
 In the southeastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R., on tangent to east rail; 51.3 feet southeast of the southeast rail; 235 feet east of center line of Oakland Street, at right angles; 250 feet along the rail from center line of Oakland Street and 19.2 feet southeast of fence on property line. A U.S.C. & G.S. and State Survey standard disk, stamped "52H", set in a concrete monument, flush with the ground. September 1936.

52J 199.03 feet
 In the southeastern part of the town, on an embankment on the southeast side of the N.Y., N.H. & H. R.R.; 45 feet from the southeast rail; 4 feet northwest of property fence; 1378 feet south of Oakland Street and 580 feet north of the entrance to cemetery. A U.S.C. & G.S. and State Survey standard disk, stamped "52J", set in a concrete monument, flush with the ground. September 1936.

52N 252.29 feet
 In the southwestern part of the town, on the south side of Milford Street; 13 feet from the center line; 11.3 feet north of stone wall on property line; 45.9 feet west of pole #32 and 1379 feet west of Summer Street. A U.S.C. & G.S. and State Survey standard disk, stamped "52N", set in a concrete monument, flush with the ground. September 1936.

T.B.M. #4014 210.87 feet
 About 0.75 mile west of Medway station, at the northeast corner of intersection of N.Y., N.H. & H. R.R. and a farm road in rear of residence of Mr. Szusicki on Village Street; 76 feet east of center line of farm road and 7.8 feet north of north rail. A chiseled square, on a projecting ledge. September 1936.

T.B.M. Charles River #33 172.53 feet
 In the southeastern part of West Medway, on the west side of Shaw Street, over the north side of arch of Charles River bridge. A cut square, on stone at road level. October 1935.

MEDWAY Second Order Bench Marks (Continued)

T.B.M. Charles River #35 184.40 feet
About 1/4 mile south of center of town, on the west side of Sanford Street, at north end of bridge over the Charles River. A cut square, on concrete base of concrete fence. October 1935.

T.B.M. Charles River #36 163.75 feet
About 1/4 mile south of center of the town, on the west side of Sanford Street, south of the south end of Fabyan Mills dam and 20 feet from end of spillway. A square cut, in a ledge. October 1935.

T.B.M. Charles River #37 139.46 feet
About 3/8 mile east of center of the town, on the west side of road to Lake Populatic, at the north end of bridge over Charles River. A square cut, in a stone abutment. October 1935.

T.B.M. Charles River #107 172.84 feet
In the southern part of West Medway, south of Woodside station and west of Chicken Brook, on a stone wall at the north end of dam over the Charles River. A chiseled square. October 1935.

Bench Marks at Water Supply Units

68E-31 281.72 feet
About 0.5 mile northwest of West Medway. To reach point proceed northwest from Village Street, 0.25 mile northwest via High Street to Route #109; take Route #109 west 500 feet to Highland Street; proceed along Highland Street about 800 feet to driveway on right, to standpipe. A monel rivet, set in a low ledge outcrop, about 0.5 foot above ground; 115 feet northeast of center line of Highland Street and 43.2 feet east of base of tank on east side. March 1936.

Ref. BM 68E-31A 280.92 feet
A monel rivet, set in a rock; about 4 feet off ground; 66.1 feet north of BM 68E-31 and 68.7 feet northwest of standpipe.

Ref. BM 68E-31B 278.33 feet
(See First Order Bench Mark, page 103).

68E-32 138.11 feet
About 0.7 mile southeast of town of Medway. To reach this point proceed from town hall, 0.5 mile easterly via Village Street to Walker Street; take Walker Street southerly a few hundred feet to Populatic Court; proceed a short distance to path leading easterly to pumping station. A monel rivet, set in north side of granite step at front of pumping station. March 1936.

MEDWAY Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68E-32A 140.30 feet
 A monel rivet, set in northeast end of culvert head wall, at west side of junction of Walker and Populatic Streets; about 58 feet south of south abutment of Walker Street bridge over river and 0.2 mile northwest of BM 68E-32 via path and Populatic Street.

Ref. BM 68E-32B 139.49 feet
 A monel rivet, set in west edge of granite bridge seat on south abutment of Walker Street bridge over river; about 500 feet south of Village Street.

Supplementary Data

	Elevation
<u>68E-31 HIGHLAND STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 30 ft., Ht. 80 ft.)	286.49
Overflow (Capacity 440,000 gals.)	
<u>68E-32 POPULATIC STREET PUMPING STATION</u>	
Pumping station floor	134.14
Charles River - Flood of March 1936	136.12
Wells, G.L. (14 open tile dia. 24 in., Depth 30 ft.)	131.23
(2 open tile dia. 30 in., Depth 30 ft.)	
(2 driven, dia. 2 1/2 in., Depth 50 ft.)	
High water recorded March 12, --	127.23
Low water recorded July 23, --	113.23

MILLIS

First Order Bench Marks

T.B.M. #3181 147.034 feet
 In Rockville, on Myrtle Street; 150 feet southwest from Pleasant Street, on the concrete platform at the front of the Rockville Fire House #2; 2 feet northwest of the most easterly corner of platform. A chiseled square. May 1939.

T.B.M. #3182 179.042 feet
 In Rockville, in the southwest corner of Green and Village Streets; 35 feet west of center line of Green Street; 35 feet south of center line of Village Street and 11 feet southeast of pole #17/119. A chiseled square, on the top of a boulder outcrop. May 1939.

T.B.M. Charles River #48 131.010 feet
 In Rockville, on the west side of Pleasant Street, at the north end of bridge over the Charles River, at north side of concrete bridge post on concrete mat. A chiseled square. May 1939.

141.4 (U.S.G.S.) 141.365 feet
 In Rockville, in the triangular grass plot, at the intersection of Myrtle and Green Streets. A railroad spike, driven in the trunk of a 3-foot elm tree, 6 inches above ground level. May 1939.

158.7 (U.S.G.S.) 158.642 feet
 At the Millis-Medway town line, on the east side of Farm Street, at the intersection of Village Street; 85 feet north of a granite bound, in triangular grass plot; 10 feet east of center line of Farm Street and 76 feet north of Medway town line marker. A railroad spike, driven in the trunk of a 30-inch oak tree. May 1939.

AG53 147.571 feet
 In Rockville, at the intersection of Myrtle and Green Streets, on the southeast side of Myrtle Street at the "T" intersection of stone walls; 100 feet southeast of pole #23/11, in triangular grass plot; 34 feet south of center line of Myrtle Street and 50 feet south of pole #11/12, on north side of Myrtle Street. A Mass. Dept. of Public Works bench mark disk, stamped "AG53-147.571", set slanting in a large ledge outcrop, which is part of the leg of the "T" of stone walls, 7 feet above road level. The highest point on the word "Of" was held. May 1939.

Second Order Bench Marks

52F 162.65 feet
 In the center of the town, on the northwest side of the N.Y., N.H. & H. R.R. (Midland Division); 10 feet from the northwest rail; 123 feet northeast of northeast corner of the station; 25 feet west of center line of Exchange Street and 1 foot east of sidewalk. A

MILLIS Second Order Bench Marks (Continued)

U.S.C. & G.S. and State Survey standard disk, stamped "52F", set in a concrete monument, flush with the ground. September 1936.

52G 179.46 feet
In the western part of the town, on embankment; 41.8 feet northwest of northwest rail of N.Y., N.H. & H. R.R. (Midland Division) on tangent of rail; 2 feet east of fence on property line; 1510 feet southwest of center line of Main Street crossing and 297 feet southeast from center line of Main Street. A U.S.C. & G.S. and State Survey standard disk, stamped "52G", set in a concrete monument, flush with the ground. September 1936.

T.B.M. #4012 133.71 feet
About 1 mile northeast of the station, at west corner of the N.Y., N.H. & H. R.R. (Midland Division) and Island Farm Road, leading from Dover Street to Exchange Street; 56 feet southwest of center line of road and 28.4 feet northwest of northwest rail. A chiseled square, in a ledge outcrop. September 1936.

T.B.M. #4013 152.18 feet
In the center of the town, at the east corner of the N.Y., N.H. & H. R.R. (Midland Division) and Union Street, east of Clicquot station; 6 feet northeast of crossing gate on southwest side of tracks and 32.1 feet southwest of southwest rail. A chiseled square, in a ledge outcrop. September 1936.

T.B.M. Charles River #38 136.90 feet
In Rockville, on the west side of Myrtle Street, at the north end of bridge over the Charles River, on base of north concrete post. A chiseled square. November 1935.

T.B.M. Charles River #49 128.40 feet
In the southern part of the town, on the west side of Baltimore Street, at the north end of bridge over the Charles River, on ledge at base of concrete fence. A chiseled square. November 1935.

T.B.M. Charles River #50 180.19 feet
In the south central part of the town, at the southwest corner of Forest Road and Village Street; 58 feet southwest of center line of Forest Road and 13 feet southeast of center line of Village Street. The east nut of hydrant cap. November 1935.

T.B.M. Charles River #96 129.12 feet
In the eastern part of the town, on the north side of Main Street (Route #109), in the center and top of the second concrete fence post from the southwest end of the bridge over the Charles River. A chiseled square. November 1935.

MILLIS Second Order Bench Marks at Water Supply Units

68E-18 134.29 feet
 About 3/4 mile northeast of town, at pumping station, which is 0.3 mile north along Water Street from Union Street crossing on the N.Y., N.H. & H. R.R. in Cliquoteville section of Millis. A monel rivet, set in west end of concrete doorstep to easterly door of pumping station. January 1936.

Ref. BM 68E-18A 134.44 feet
 A monel rivet, set in easterly end of concrete step of garage entrance. Garage is to the west of the street and just south of the pumping station.

Ref. BM 68E-18B 134.31 feet
 A monel rivet, set in the north end of concrete doorstep to entrance, on the west side of pumping station building and just south of the northwestern corner of the building.

68E-19 197.90 feet
 About one mile southwest of the railroad station, at base of water standpipe, just south of the junction of Farm and Cedar Streets at the top of plateau. To reach this point, take Exchange Street from the railroad station southwest 0.1 mile to Route #109; proceed westerly 0.3 mile to Farm Street junction; proceed southwest along Farm Street, 0.7 mile to junction of Cedar Street. The standpipe is 182 feet southerly from the junction of Farm and Cedar Streets. A monel rivet, set on the northwest corner of apron of concrete base of standpipe, on the westerly side and 111 feet east of center line of Farm Street. March 1936.

Ref. BM 68E-19A 200.50 feet
 A monel rivet, set in a large boulder, about four feet above the ground; 55.9 feet northwest of BM 68E-19; 55.1 feet east of center line of Farm Street and 24 feet northeast of hydrant.

Ref. BM 68E-19B 201.37 feet
 A monel rivet, set in a large stone in wall, directly across street from the standpipe and 26.8 feet west of the center line of Farm Street.

MILTON

First Order Bench Marks

M128CC 181.652 feet
 In the southwestern corner of the town, on the north side of Blue Hill River Road (Route #128); 31.7 feet from the center line; about 2350 feet west of Hillside Street; 16.5 feet south of a stone post on the Canton line; 12 feet north of the north side of town marker and 49.2 feet north of center of header of catch basin on the south side of highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CC-181.652", set in a granite Massachusetts highway bound, 1.5 feet below highway level and 3 inches below surface of the ground. July 1936. Recovered in good condition March 1940.

M128CD 177.016 feet
 In the southwestern corner of the town, on the south side of Blue Hill River Road (Route #128); 24 feet from the center line; about 1500 feet west of Hillside Street; 75 feet west of #1072; 20.4 feet west of a driveway and 121 feet southeast of a stone bound, on the north side of the highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CD", set in a concrete monument, 1.5 feet below highway level. July 1936.
 Note: A thorough search for this mark was made in March 1940. It could not be located.

M128CF 168.227 feet
 In the southwestern corner of the town, on the south side of Blue Hill River Road (Route #128); 40.5 feet from the center line; about 1300 feet southeast of Hillside Street; 232.2 feet east of the center of a culvert over a small creek leading to Houghton's Pond; 18.9 feet northwest of a junction in wire fences; 5.2 feet north and 3.6 feet southeast of two 5-inch cedars on the fence line. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CF-168.227", set in a concrete monument, about 3 inches above highway and flush with the ground. July 1936. Recovered in good condition March 1940.

M128CG 164.896 feet
 In the southwestern corner of the town, on the south side of Blue Hill River Road; 58.8 feet from the center line; about 2600 feet southeast of Hillside Street; 139 feet west of Ponkapoag Trail; 7 feet west of an 8-inch pine and 15.8 feet east of a triple swamp maple. A U.S.C. & G.S. and State Survey, standard disk, stamped "M128CG-164.896", set in a concrete monument, 1.5 feet below highway level and flush with the surface of the ground. July 1936. Recovered in good condition March 1940.

M128CH 162.236 feet
 In the southwestern corner of the town, on the north side of Blue Hill River Road (Route #128); 35 feet from the center line; about 4100 feet east of Hillside Street and 282 feet west of the Paddock

MILTON First Order Bench Marks (Continued)

Path; 12.5 feet northeast of a 9-inch pine tree and 7 feet west of twin cedars. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CH-162.236", set in a concrete monument, 2.5 feet below highway level and flush with the surface of the ground. July 1936. Recovered in good condition March 1940.

M128CJ 155.905 feet
In the southwestern corner of the town, on the south side of Blue Hill River Road (Route #128); 32.5 feet from the center line, near the Quincy line; 148 feet west of the center of a culvert; 35 feet east and across highway from a wood road; 18 feet east of a 6-inch pine and 27.6 feet north of a 16-inch oak. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CJ-155.905", set in a concrete monument, 1.5 feet above the highway and flush with the surface of sloping bank. July 1936. Recovered in good condition March 1940.

Second Order Bench Marks

15M 95.54 feet
In the southwestern part of the town, on the north side of Milton Street, on embankment, 29.2 feet from the center line; 64.6 feet northwest of drive to residence, #88; 23.2 feet northeast of catch basin, on the north side of the street and 800 feet east of Brush Hill Road. A U.S.C. & G.S. and State Survey standard disk, stamped "15M", set in a concrete monument flush with the ground. July 1936.

15N 118.72 feet
In the southwestern part of the town, on the southwest side of East Milton Street; 24 feet from the center line, on stone wall in front of I. Tucker Burr's estate; 400 feet northwest of Blue Hill Avenue; 7 feet southwest of pole #26/5 and 78 feet northwest of pole #26/4. A U.S.C. & G.S. and State Survey standard disk, stamped "15N", set on top of wall, 3 feet above ground. May 1934.

57A 73.35 feet
In the southern part of the town, on Randolph Avenue (Route #28); 4.7 feet west of the west edge of the concrete road surface (at Station 62 + 25); about 333 feet south of the center of Highland Street; 30.3 feet southeast of a 30-inch elm tree on the west side of stone wall; 4.4 feet east of pole #5178 and 143.7 feet northeast of a 15-inch ash. A U.S.C. & G.S. and State Survey standard disk, stamped "57A", set in a concrete monument, 4 inches below the ground. October 1936.

57B 94.58 feet
In the southern part of the town, on the east side of Randolph Avenue (Route #28); 20.5 feet east of the concrete road slab (at Station 44 + 15); 74 feet northeast of pole #5160; 21.6 feet southeast of

MILTON Second Order Bench Marks (Continued)

the center of a catch basin on the east side; 22.6 feet north of Nahanton Avenue; 54.1 feet northeast of a catch basin south of the avenue and 50.0 feet northwest of catch basin on the south side of the avenue. A U.S.C. & G.S. and State Survey standard disk, stamped "57B", set in a concrete monument, flush with the ground. August 1935.

57C 153.29 feet
In the southern part of the town, at the junction of Randolph Avenue (Route #28) and Hillside Street, in the traffic island; 32.6 feet southeast of hydrant; 11 feet northeast of pole #14; 3.3 feet north of pole #125; 44.5 feet north of a pole and 77.8 feet southwest of center of a manhole cover. (At Station 30 + 97). A U.S.C. & G.S. and State Survey standard disk, stamped "57C", set in a concrete monument, 3 inches below the ground. August 1935.

57D 210.08 feet
In the southern part of the town, on the west side of Randolph Avenue (Route #28); 8 feet west of edge of concrete; 26.5 feet east of a 24-inch pine; 18 feet south of pole #5120; 79 feet north of pole #5119 and about 334 feet north of the Quincy line. (At Station 3 + 34). A U.S.C. & G.S. and State Survey standard disk, stamped "57D", set in a concrete monument, 2 inches below the ground. August 1935.

63A 121.41 feet
In the southwestern part of the town, on the east side of Blue Hill Avenue (Route #138); 23 feet east from the center line; 840 feet north of intersection of Milton Street and 44.1 feet west from the northwest corner of house, #1072. A U.S.C. & G.S. and State Survey standard disk, stamped "63A", set in a concrete monument, flush with the ground. August 1936.

63B 112.54 feet
In the southwestern part of the town, at the southwest corner of Blue Hill Avenue (Route #138) and Atherton Street; 22.5 feet west of center line of Blue Hill Avenue; 37 feet south of center line of Atherton Street; 48.3 feet west of hydrant and 5.3 feet north of water shut-off. A U.S.C. & G.S. and State Survey standard disk, stamped "63B", set in a concrete monument flush with the ground. July 1936.

63C 127.82 feet
In the western part of the town, on the east side of Blue Hill Avenue (Route #138); 18 feet from the center line; 686 feet southwest of the center line of Hills View Road extended; 37.5 feet northwest of the northwest corner of garage on estate of Dr. J. J. Minot (#592); 13.5 feet northwest of fence on property line and 112 feet northeast of hydrant. A U.S.C. & G.S. and State Survey standard disk, stamped "63C", set in a concrete monument, flush with the ground. July 1936.

MILTON Second Order Bench Marks (Continued)

63D 130.90 feet
In the western part of the town, on the southeast side of Blue Hill Avenue (Route #138); 22 feet from the center line; 67 feet southwest of center line of Robbins Street; 224 feet northeast of center line extended of Hills View Road and 9 feet northwest of stone wall on property line. A U.S.C. & G.S. and State Survey standard disk, stamped "63D", set in a concrete monument, flush with the ground. July 1936.

63E 77.36 feet
In the northwestern part of the town, on the west side of Blue Hill Avenue (Route #138); 23 feet from the center line; 102 feet north of center line of Cheever Street; 194 feet north of center line of Blue Hill Terrace Street; 283 feet south of center line of Concord Avenue and 28.4 feet northeast of the northeast corner of house, #231. A U.S.C. & G.S. and State Survey standard disk, stamped "63E", set in a concrete monument, flush with the sidewalk. August 1936.

63F 39.65 feet
In Milton Upper Mills, at the northwest corner of Blue Hill Avenue (Route #138) and west extension of center line of Eliot Street; 19.3 feet southeast of center line of Blue Hill Avenue; 72 feet north of center line of west extension to Eliot Street; 137 feet west of center line of Blue Hill Parkway (to Boston) and 4.3 feet southeast of curbstone. A U.S.C. & G.S. and State Survey standard disk, stamped "63F", set in a concrete monument, flush with the ground. May 1937.

63G 44.48 feet
In Milton Upper Mills, on the south side of Eliot Street; 15.5 feet from the center line; 104 feet east of center line of Willoughby Road; 162 feet west of center line of Briarfield Road; 20 feet north of northwest corner of porch of house, #570 and 44 feet southwest of hydrant on north side. A U.S.C. & G.S. and State Survey standard disk, stamped "63G", set in a concrete monument, flush with the ground. August 1936.

63H 42.04 feet
In Milton Upper Falls, on the north side of Eliot Street; 28 feet from the center line; 29.8 feet south of southeast corner of house, #535; 51 feet east of hydrant and 56 feet northeast of intersection of Hawthorne Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63H", set in a concrete monument, flush with the ground. August 1936.

63J 51.86 feet
In Milton Upper Mills, on the south side of Eliot Street; 26 feet south from intersection of center line of Eliot and Cliff Streets; 54.8 feet northeast from the northwest corner of house at #496 Eliot Street; 63 feet northwest of hydrant; 153 feet northwest of center

MILTON Second Order Bench Marks (Continued)

line of Fairfax Street and 1.5 feet north of sidewalk. A U.S.C. & G.S. and State Survey standard disk, stamped "63J", set in a concrete monument, flush with the ground. August 1936.

63K 68.90 feet
In Milton Upper Mills, at the northwest corner of Eliot Street, Cliff Road and Columbine Road; 13 feet south of center line of Eliot Street; 77 feet west of center line extended of Cliff Road; 74.7 feet south of southwest corner of brick house at #449 Eliot Street and 1.5 feet south of edge of macadam road. A U.S.C. & G.S. and State Survey standard disk, stamped "63K", set in a concrete monument, flush with the ground. August 1936.

63L 63.38 feet
In the northern part of the town, on the north side of Eliot Street; 14 feet from the center line; 31.5 feet south of southeast corner of house, #297; 395 feet east of center line of Valley Road extension; 260 feet west of center line of Rockview Road and 58.6 feet west of concrete walk to Valley Road elevated station. A U.S.C. & G.S. and State Survey standard disk, stamped "63L", set in a concrete monument, 6 inches below the ground. August 1936.

63M 42.73 feet
In the northern part of the town, on the south side of Eliot Street; 13 feet from the center line; 25 feet north of the northeast corner of house, #164; 590 feet west of the center line of Central Avenue; 1223 feet east of center line of Oak Road and 7.3 feet east of water shut-off. A U.S.C. & G.S. and State Survey standard disk, stamped "63M", set in a concrete monument, flush with the ground. August 1936.

63N 25.55 feet
In the northern part of the town, at the southeast corner of Eliot Street and Hill Road; 29 feet east of the center line of Brook Hill Road; 21 feet south of the center line of Eliot Street; 147 feet southwest of the center line of Morton Street; 58.6 feet southwest of hydrant and 8.4 feet north of stone wall on property line. A U.S.C. & G.S. and State Survey standard disk, stamped "63N", set in a concrete monument, flush with the ground. August 1936.

63P 40.45 feet
In the northern part of the town, on the north side of Eliot Street; 27 feet from the center line; 176 feet northeast of intersection of Morton Terrace; 4 feet west of wire fence on Boston Elevated Railroad property line; 5.7 feet northwest of center of manhole and 48 feet east of center of catch basin. A U.S.C. & G.S. and State Survey standard disk, stamped "63P", set in a concrete monument, flush with the ground. August 1936.

MILTON Second Order Bench Marks (Continued)

63R 53.11 feet
In the northern part of the town, on the south side of Eliot Street; 22 feet from the center line; 7.7 feet north of stone wall; 10.6 feet southwest of manhole; 71 feet east of hydrant; 1.3 feet west of end of concrete sidewalk; 25 feet north of northeast corner of house at #50 and 465 feet west of High Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63R", set in a concrete monument, flush with the ground. August 1936.

63S 61.45 feet
In the northern part of the town, on the east side of Adams Street, opposite Canton and Randolph Avenues; 227 feet south of center line of Wharf Street; 31.9 feet east of center line of Adams Street; 21.6 feet west of northwest corner of telephone building; 18 feet south of center line of driveway on north side of telephone building and 1.2 feet west of iron fence on telephone property line. A U.S.C. & G.S. and State Survey standard disk, stamped "63S", set in a concrete monument, flush with the ground. August 1936.

63T 105.78 feet
In the northern part of the town, on the west side of Randolph Avenue; 18 feet from the center line; 11.9 feet east of wooden fence, on property line of #59; 149.6 feet south of hydrant and 163 feet northwest of the intersection of Hutchinson Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63T", set in a concrete monument, flush with the ground. August 1936.

63U 70.52 feet
In the north central part of the town, on the east side of Randolph Avenue; 21 feet from the center line; 68 feet south of center line of driveway to #198; 13.6 feet south of pole #2/20; 652 feet north of the center line of Brook Road and 343 feet south of the center line of School Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63U", set in a concrete monument, flush with the ground. September 1936.

63V 37.60 feet
In the north central part of the town, on the west side of Randolph Avenue; 12.6 feet from the center line; 18 feet east of stone wall on property line; 25.6 feet south of hydrant; 18 feet north of pole #2/27 and 80 feet south of the center line of Brook Road. A U.S.C. & G.S. and State Survey standard disk, stamped "63V", set in concrete monument, flush with the ground. September 1936.

63W 84.43 feet
In the center of the town, on the east side of Randolph Avenue; 14 feet from the center line; 38.6 feet east of hydrant; 447 feet south of the center line of Center Street and 71 feet northeast of the center line of Gun Hill Street. A U.S.C. & G.S. and State Survey

MILTON Second Order Bench Marks (Continued)

standard disk, stamped "63W", set in a concrete monument, flush with the ground. September 1936.

63X

90.22 feet

In the center of the town, on the west side of Randolph Avenue; 16 feet from the center line; 19 feet east of wire fence on property line; 109 feet south of hydrant; 37.8 feet west of center of bottom stone step of Estabrook's house, #480; 980 feet north of the center line of Artwill Street and 865 feet south of the center line of Gun Hill Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63X", set in a concrete monument, flush with the ground. September 1936.

63Y

123.18 feet

In the center of the town, on the east side of Randolph Avenue; 24 feet from the center line; 33.8 feet northwest of the northwest corner of house, #616; 15.5 feet north of pole #1/64; 375 feet south of center line of Reedsdale Road and 856 feet north of center line of Pleasant Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63Y", set in a concrete monument, flush with the ground. August 1936.

63Z

114.06 feet

In the center of the town, on the west side of Randolph Avenue; 24 feet from the center line; 15 feet east of a stone wall on property line; 15 feet south of pole #81/45 and 100 feet from southwest corner of house, #688; 209 feet south from intersection of Pleasant Street and 667 feet north of center line of Reed Street. A U.S.C. & G.S. and State Survey standard disk, stamped "63Z", set in a concrete monument. August 1936.

63AA

7.86 feet

In the northeastern corner of the town, on the east side of Granite Avenue (Route #37); 22 feet from the center line; 19.5 feet west of fence on property line of Barney & Caroy Co.; 57.3 feet southeast of hydrant and 580 feet southeast of Boston line (center line of Neponset River). A U.S.C. & G.S. and State Survey standard disk, stamped "63AA", set in a concrete monument, flush with the ground. September 1936.

63AB

12.24 feet

In the northeastern corner of the town, on the east side of Granite Avenue; 25 feet from the center line; 57 feet northwest of the northwest corner of house at #76; 32 feet northwest of hydrant; 27 feet southeast of center line of unnamed lane leading from #76 Granite Avenue to Thistle Avenue and 354 feet north of center line of N.Y., N.H. & H. R.R. crossing. A U.S.C. & G.S. and State Survey standard disk, stamped "63AB", set in a concrete monument, flush with the ground. September 1936.

MILTON Second Order Bench Marks (Continued)63AC

37.66 feet

In Milton Upper Mills, at the south end of grass plot between Blue Hill Parkway east and west; 69 feet north of center line of Austin Street extended; 22 feet west of center line of Blue Hills Parkway east; 41 feet east of Blue Hills Parkway west; 708 feet south of center line of Eliot Street extended and 137 feet north of curbstone of south end of grass plot. A U.S.C. & G.S. and State Survey standard disk, stamped "63AC", set in a concrete monument, flush with the ground. August 1936.

63AD

44.90 feet

In Milton Upper Mills, in south end of grass plot between Blue Hills Parkway west and east; 38 feet north of center line of Dyer Avenue extended; 16 feet east of center of sewer in east side of Blue Hills Parkway west; 19.2 feet west of sewer in west side of Blue Hills Parkway east and 276 feet south of center line of Kahler Avenue extended. A U.S.C. & G.S. and State Survey standard disk, stamped "63AD", set in a concrete monument, flush with the ground. August 1936.

63AE

43.88 feet

In the west central part of the town, on the west edge of grass plot between Blue Hills Parkway east and west, about 1/2 mile south of the center line of Warren Avenue extended; 1595 feet north of center line of Canton Avenue; 19.5 feet east of center line of Blue Hills Parkway; 44 feet west of center line of Blue Hills Parkway east; 9.8 feet southeast of center of sewer in Blue Hills Parkway west and 62.5 feet south of hydrant. A U.S.C. & G.S. and State Survey standard disk, stamped "63AE", set in a concrete monument, flush with the ground. August 1936.

63AF

42.22 feet

In the west central part of the town, at the northeast corner of Blue Hills Parkway east and Canton Avenue; 53 feet east of the center line of Blue Hills Parkway east; 18 feet north of center line of Canton Avenue; 25 feet southwest of fence on property line; 110.5 feet south of hydrant and 1.6 feet northwest of curbstone. A U.S.C. & G.S. and State Survey standard disk, stamped "63AF", set in a concrete monument, flush with the ground. August 1936.

63AG

60.89 feet

In the west central part of the town, on the southeast side of Canton Avenue; 13 feet from the center line; 128 feet southwest of hydrant on west side; 10 feet northwest of stone wall; 719 feet southwest of center line of Mingo Street and 72 feet northeast of center line of the Ledgeway. A U.S.C. & G.S. and State Survey standard disk, stamped "63AG", set in a concrete monument, flush with the ground. August 1936.

MILTON Second Order Bench Marks (Continued)

63AH 140.40 feet
 In the western part of the town, on the west side of Canton Avenue, 23 feet from the center line; 5 feet southeast of stone wall; 82 feet northeast of northeast corner of house, #1253; 376 feet south of center line of Woodland Road and 184 feet north of center line of Atherton Road. A U.S.C. & G.S. and State Survey standard disk, stamped "63AH", set in a concrete monument flush with the ground. August 1936.

63AJ 126.98 feet
 In the southwestern part of the town, on the west side of Canton Avenue; 17 feet from the center line; 32.3 feet east of the southeast corner of house at #1395; 50.3 feet north of manhole; 287 feet south of center line of driveway to #1350; 1100 feet north of the center line of Dollar Road and 1726 feet south of center line of Atherton Road. A U.S.C. & G.S. and State Survey standard disk, stamped "63AJ", set in a concrete monument, flush with the ground. August 1936.

M138WC 247.57 feet
 In the southwestern part of the town, on the east side of Blue Hill Avenue (Route #138); 19.3 feet from the center line (at Station 3 + 90); 400 feet north of the Canton line and 1700 feet south of the intersection with Brush Hill Road. A U.S.C. & G.S. and State Survey standard disk, stamped "M138WC", set in a concrete monument, 3 inches above the ground. May 1934.

M138WD 193.17 feet
 In the southwestern part of the town, in a grass plot on the west side of Blue Hill Avenue (Route #138), at the intersection with Brush Hill Road; 122 feet south of a Massachusetts highway bound, on the west side of Route #138; 131 feet southwest of a Massachusetts highway bound, on the opposite side of Route #138 and 53.2 feet west of a brass pin in the top of a stone wall, on the easterly corner of the highway intersection. A U.S.C. & G.S. and State Survey standard disk, stamped "M138WD", set in a concrete monument, 6 inches above the ground. May 1934.

M138WBA 238.87 feet
 In the southwestern part of the town, on the west side of Blue Hill Avenue (Route #138); 27.5 feet from the center line, on the Canton line; about 2100 feet south of the intersection with Brush Hill Road and 79.3 feet northwest of a granite Massachusetts highway bound on the east side of the highway, also marking the town line. A U.S.C. & G.S. and State Survey standard disk, stamped "M138WBA", set in a granite Massachusetts highway bound, 1 foot above the ground. May 1934.

T.B.M. #152 65.95 feet
 In the western part of the town, on Brush Hill Road; 145 feet north-

MILTON Second Order Bench Marks (Continued)

east of the intersection of East Milton Street (Route #135). A chiseled square, on the top of an east granite bench post. July 1936.

T.B.M. Neponset River #4 22.10 feet
In the northern part of the town, on the northwest corner of south abutment of Adams Street bridge over Neponset River. A chiseled square. July 1935.

T.B.M. Neponset River #6 19.12 feet
In the northern part of the town, on the property of Walter Baker Co. Inc. Chocolate Mill, on the west corner of granite base at the southwest end of railroad trestle over Neponset River. (Freight siding into mill). A chiseled square. July 1935.

T.B.M. Neponset River #7 25.69 feet
In Milton Lower Mills, on the east end of the south abutment of Central Avenue bridge over Neponset River, under the fence. A chiseled square. July 1935.

T.B.M. Neponset River #9 33.95 feet
In Milton Upper Mills, on the north end of east abutment of the Boston Elevated Railway bridge over Neponset River. A chiseled square. July 1935.

T.B.M. Neponset River #10A 82.86 feet
In the western part of the town, on the west side of Blue Hill Avenue (Route #138); 225 feet south of the south line of Cheever Street. The northwest corner of a Massachusetts highway bound. August 1935.

T.B.M. Neponset River #10B 58.89 feet
In the western part of the town, on the west side of Blue Hill Avenue (Route #138), on the southwest corner of north granite stone of heading of west end of stone culvert. (At Station 97+28). A chiseled square. July 1936.

T.B.M. Neponset River #10C 109.38 feet
In the southwestern part of the town, on the west side of Blue Hill Avenue (Route #138) and north side of Atherton Street. A railroad spike, set in the south side of a 30-inch oak, in front of hose house #4 and in line of south side of said house. August 1935.

The town of Milton is within the Metropolitan Water District and receives its water supply therefrom under the direction of the Metropolitan District Commission Water Division. The daily average consumption, as reported for the year 1936, was 1,005,300 gallons.

ADJUSTED BENCH MARKS

NEEDHAM

First Order Bench Marks

- 28A 153.956 feet
About 1 1/4 miles southeast of Needham Center, on the N.Y., N.H. & H. R.R. (Dedham Branch), at Birds Hill station, Great Plain Avenue, on top of southeasterly wing wall of bridge #2.90; 2.2 feet east of the easterly bridge fence and 2.4 feet from southeasterly corner of easterly girder. A U.S.C. & G.S. and State Survey standard disk, stamped "28A-153.956", set flush in top of wing wall. June 1936. Recovered in good condition February 1940.
- 28B 157.744 feet
About 1 mile southeast of Needham Center, on top of southwesterly wing wall of bridge #3.09; about 1000 feet west of Birds Hill station on the N.Y., N.H. & H. R.R. (Dedham Branch), on right-of-way through grounds of Needham Golf Club; 1.7 feet from southerly edge of southerly parapet of bridge; 1.5 feet from guard fence and 1.8 feet from abutment corner. A U.S.C. & G.S. and State Survey standard disk, stamped "28B", set flush in top of wing wall. June 1936.
- 28C 149.375 feet
About 1/2 mile southeast of Needham Center, on the N.Y., N.H. & H. R.R. (Dedham Branch); about 2240 feet east of Needham Junction station, on top of southeasterly wing wall of bridge #3.57 at Dedham Avenue; 3.1 feet from southeasterly corner of wing wall and 5.5 feet from southeast corner of girder. A U.S.C. & G.S. and State Survey standard disk, stamped "28C-149.375", set flush in top of wing wall. June 1936. Recovered in good condition February 1940.
- 28D 163.342 feet
On the N.Y., N.H. & H. R.R. (Dedham Branch), west of Needham Junction station; 186.2 feet from northwest corner of station; 30.1 feet from southwest corner of a retaining wall; 8 feet north from northerly rail of main line and 10.1 feet south of south rail of a spur track; also 108.2 feet from northeast corner of a house, which is 200 feet west of the station and 100 feet south of the main line track. A U.S.C. & G.S. and State Survey standard disk, stamped "28D-163.342", set in a concrete monument, 2 inches below the ground. Monument is 3 inches below level of rail. June 1936. Recovered in good condition February 1940.
- 28F 154.812 feet
On the N.Y., N.H. & H. R.R. (Woonsocket Branch); about 1500 feet south of crossing of Great Plain Avenue (Route #135), at the end of Chestnut Place, a dead end street east of the railroad; about 370 feet west of the center line of Chestnut Street; 16.8 feet west of the west rail; 60.7 feet southwest of the southwest corner of house, #45 Chestnut Place; 58.6 feet northwest of the northwest corner of house, #46 Chestnut Place; 9.6 feet southeast of an 18-inch maple tree and

NEEDHAM First Order Bench Marks (Continued)

56.2 feet southeast of the southeast corner of a garage, west of the track and opposite Chestnut Place. A U.S.C. & G.S. and State Survey standard disk, stamped "28F-154.812", set in a concrete monument flush with the ground. June 1936. Recovered in good condition February 1940.

28G 162.232 feet
On the N.Y., N.H. & H. R.R. (Woonsocket Branch), at Great Plain Avenue (Route #135) crossing; 88.1 feet southeast of the southeast corner of the Needham Trust Company; 3.9 feet west of the northwest corner of building, #1038 Great Plain Avenue; 54.5 feet east of the southeast corner of doorway of building, located at the southwest corner of the railroad crossing; 14.4 feet east of the east rail and about 35.5 feet south of the center line of Great Plain Avenue. A U.S.C. & G.S. and State Survey standard disk, stamped "28G-162.232", set in a concrete monument, the top of which is 6 inches below the ground and one foot below curb level. June 1936. Recovered in good condition February 1940.

28H 160.565 feet
About 0.4 mile north of Needham station, on the N.Y., N.H. & H. R.R. (Woonsocket Branch); 450 feet south of the intersection with Rosemary Street; 15 feet east of the east rail; 240 feet west of the center line of Highland Avenue; 155.5 feet south of a 20-inch elm tree west of two greenhouses; 149.5 feet northwest of the northwest corner of a barn, south of the greenhouses and east of the railroad tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "28H-160.565", set in a concrete monument, flush with the surface of the ground. June 1936. Recovered in good condition February 1940.

28J 178.523 feet
At the south end of the platform of the Needham Heights station of the N.Y., N.H. & H. R.R. (Woonsocket Branch), at the intersection with West Street; 3.8 feet east of the east rail; 32 feet north of the center line of West Street and 60.4 feet north of the northwest corner of the Highland Press building. A U.S.C. & G.S. and State Survey standard disk, stamped "28J-178.523", set in a concrete monument, level with the top of the rail. June 1936. Recovered in good condition February 1940.

28K 180.415 feet
About 0.2 mile north of Needham Heights station, on the N.Y., N.H. & H. R.R. (Woonsocket Branch), on west embankment under the Hunnewell Street overpass; 19 feet west of the west rail; 3 feet southeast of the northerly junction of wing wall with main wall of west abutment; 2.7 feet east of the face of this abutment and 43.5 feet north-east of junction of the southerly wing wall and main wall of abutment. A U.S.C. & G.S. and State Survey standard disk, stamped "28K-

NEEDHAM First Order Bench Marks (Continued)

180.415", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

28L 168.670 feet
About 0.35 mile north of Needham Heights station, on the west embankment of the N.Y., N.H. & H. R.R. (Woonsocket Branch); about 900 feet north of the Hunnewell Street overpass; 24 feet west of the west rail; 12 feet north of a 2-foot oak tree; 10 feet east of property line and 57.5 feet east of the northeast corner of a barn, in rear of #94 Hillside Avenue. A U.S.C. & G.S. and State Survey standard disk, stamped "28L-168.670", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

28M 154.752 feet
About 0.5 mile north of Needham Heights station, at the intersection of the N.Y., N.H. & H. R.R. (Woonsocket Branch) and Webster Street; 17.6 feet east of the center line of Webster Street; 8.8 feet northwest of the northwest rail; 89.3 feet east of the southeast main corner of house, #211 Webster Street and 25.4 feet northwest of center of signal tower base. A U.S.C. & G.S. and State Survey standard disk, stamped "28M-154.752", set in a concrete monument, flush with the ground and level with top of rail. June 1936. Recovered in good condition February 1940.

28N 155.481 feet
In the eastern part of Needham, on the east side of Wilshire Park; 20 feet east of the center line of Wilshire Park; 117 feet north of the center line of Harris Avenue; 63 feet northeast of the north corner of house, #69 Harris Avenue and 62.8 feet southwest of the southwest corner of house, #108 Wilshire Park. A Mass. Dept. of Public Works standard traverse disk, stamped "28N", set in a concrete monument, the top of which is 2 inches below the ground. June 1936.

28P 163.452 feet
In the eastern section of Needham, on the north side of Great Plain Avenue (Route #135); 136.6 feet east of the center line of Beaufort Street; 22 feet north of center line of Great Plain Avenue; 44.5 feet southwest from the southwest corner of #575 Great Plain Avenue and 72.7 feet southeast from the southeast corner of #3 Washington Street. A Mass. Dept. of Public Works standard traverse disk, stamped "28P", set in a concrete monument, the top of which is 4 inches below the surface of the ground. June 1936.

28Q 169.527 feet
About 0.4 mile east of Needham Center, on the north side of Great Plain Avenue; 54.9 feet west of the center line of Webster Street; 80.2 feet southeast of the southeast corner of house, #794 and 20.5 feet north of the center line of Great Plain Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28Q", set in a

NEEDHAM First Order Bench Marks (Continued)

concrete monument, the top of which is 2 inches below the ground. June 1936.

M128AG 138.515 feet
In the southeast part of Needham, at the junction of Route #128 with Great Plain Avenue, in a grass plot on the west side of Route #128; 1.7 feet west of east curb and about in center of east side of grass plot. (Abreast of Station 15 + 70, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AG-138.515", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

M128AH 155.754 feet
In the southeast part of Needham, on the east side of Route #128; about 507 feet north of Great Plain Avenue; 3.9 feet east of east curb and 11.3 feet from a high cut stone retaining wall. (Abreast of Station 20 + 77, 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AH-155.754", set in a concrete monument, in a grass plot, level with top of curb. June 1936. Recovered in good condition February 1940.

M128AJ 168.792 feet
In the easterly part of Needham, in the gravel sidewalk of concrete arch highway bridge (Route #128) over N.Y., N.H. & H. R.R. (Dedham Branch); 8.7 feet south of the north end; 2.2 feet east of curb and 3.2 feet from bridge balustrade. (Abreast of Station 35 + 95, 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AJ-168.792", set in a concrete monument, level with top of sidewalk curb. June 1936. Recovered in good condition February 1940.

M128AK 165.581 feet
In the easterly part of Needham, on the east side of Route #128; about 1000 feet north of N.Y., N.H. & H. R.R. underpass; 5.5 feet east of face of cable guard post; 117.6 feet south of a Massachusetts highway bound and 115.5 feet northeast from nearest catch basin, on opposite side of highway. (Abreast of Station 46 + 52, 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AK-165.581", set in a concrete monument, flush with ground in gravel slope. June 1936. Recovered in good condition February 1940.

M128AL 154.796 feet
In the easterly part of Needham, on the east side of Route #128, in gravel sidewalk; about 300 feet north of Broadmeadow Road; 10.2 feet north of a catch basin; 9 feet west of two 12-inch twin maple trees and 38.4 feet south of corner of an adjacent 1 1/2-story house. (Abreast of Station 56 + 87, 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AL-154.796", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

NEEDHAM First Order Bench Marks (Continued)M128AM

164.262 feet

In the easterly part of Needham, on Route #128; about 200 feet north of Bird Street, in gravel sidewalk; 7.4 feet west of west curb; 26.1 feet north of a hydrant; 6 inches below top of curb, opposite house, #1066 Greendale Avenue and 8.9 feet northwest of telephone pole #24-24. (Abreast of Station 71 + 61). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AM-164.262", set in a concrete monument, 1 inch above surface of the ground. June 1936. Recovered in good condition February 1940.

Note: It was reported in February 1940, that this bound may be destroyed due to construction of water mains.

M128AN

157.027 feet

In the easterly part of Needham; about 721 feet north of Cloud Avenue, on the east side of Route #128; 6.6 feet north of nearest corner of a concrete culvert; about 4.5 feet below roadway level and in line of wood post and wire fence. (Abreast of Station 80 + 19). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AN-157.027", set in a Massachusetts highway bound, at foot of a gravel slope, 11 inches above the surface of the ground. June 1936. Recovered in good condition February 1940.

M128AP

163.031 feet

In the northeast part of Needham, on east side of Route #128; about 1662 feet north of Cloud Avenue; 10.5 feet east of a cable guard rail post; 184.6 feet north of a Massachusetts highway bound. (Abreast of Station 89 + 52, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AP-163.031", set in a ledge outcrop, about 1 foot below level of roadway. June 1936. Recovered in good condition February 1940.

M128AQ

167.053 feet

In the northeast part of Needham, on the west side of Route #128; 159 feet south of Paul Revere Road; 126 feet south of a catch basin; 38.7 feet west of the center line of the highway; 60 feet west of a telephone pole #204-94; 23 feet west of the west edge of pavement and 18.8 feet east of a base of 9-inch twin oak trees. (Abreast of Station 102 + 70). A U.S.C. & G.S. and State Survey standard disk, set in a concrete monument in low ground. June 1936.

Note: In February 1940, a search was made for this mark but it was not recovered.

M128AR

156.689 feet

In the northeast part of Needham, on the east side of Route #128; about 93.6 feet south of Kendrick Street; about 11.5 feet from a concrete highway bound, exposed in rising embankment and about 4 feet below this bound. (Opposite Station 114 + 90, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AR-156.689", set in a concrete monument, about 3 inches above ground.

NEEDHAM First Order Bench Marks (Continued)

at foot of a slope. June 1936. Recovered in good condition February 1940.

M128AS 140.544 feet
In the northeastern part of Needham, on the east side of Route #128; about 895 feet north of Kendrick Street; 129.3 feet north of center line of a cattle underpass and about 6 feet west of a wooden post and wire fence. (Opposite Station 124 + 95, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AS-140.544", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

M128AT 106.223 feet
In the northerly part of Needham, on the east side of Route #128; about 167 feet south of face of concrete bridge carrying Highland Avenue over Reservoir Street and in grass plot in southeast approach to this overpass. (Opposite Station 147 + 16, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AT-106.223", set in a concrete monument, flush with the surface of the ground. June 1936. Recovered in good condition February 1940.

M128AU 121.966 feet
In the northerly part of Needham, on the northwest abutment of N.Y., N.H. & H. R.R. (Woonsocket Branch), overhead bridge over Reservoir Street; 7.2 feet north of center line of track and 1.3 feet west of west end of north girder. (Abreast of Station 160 + 37, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AU-121.966", set in concrete parapet at about level of rail. June 1936. Recovered in good condition February 1940.

M128AV 144.048 feet
In the extreme northern part of Needham, near Newton Upper Falls, in the sidewalk, on the east side of Reservoir Street; about 470 feet north of Central Avenue, on the north side of a driveway; 1.7 feet in from curved edge of curb; 18.4 feet north of a hydrant and 0.4 mile southeast of State Highway #9. (Abreast of Station 186 + 45, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AV-144.048", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

M128AW 141.555 feet
In the extreme northern part of Needham, near Newton Upper Falls, on the east side of Reservoir Street, in slope of a long grass plot; about 813 feet north of Central Avenue; 11.9 feet east of east curb; 17.9 feet southeasterly from center of a catch basin and 60.5 feet southwesterly from a Massachusetts highway bound. (Abreast of Station 189+88, Dedham 1931 layout); 0.3 mile southeast of State Highway

NEEDHAM First Order Bench Marks (Continued)

#9 and 70 feet southeast of the center line of Ledge Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AW-141.555", set in a concrete monument flush with the ground. June 1936. Recovered in good condition February 1940.

M128AX

114.945 feet

In the extreme northern part of Needham, near Newton Upper Falls, in sidewalk on west side of Reservoir Street; about 383 feet north of Carter Street; 4.7 feet west of the west curb; 11.8 feet southwesterly from center of manhole in highway; 56.8 feet southeasterly from a Massachusetts highway bound and 6.7 feet westerly from a catch basin. (Abreast of Station 195+90, Dedham 1931 layout); 0.3 mile southeast of State Highway #9 and 70 feet southeast of the center line of Ledge Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128AX-114.945", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

M128AUA

121.037 feet

In the extreme northern part of Needham, near Newton Upper Falls, on the west side of Reservoir Street, in the southwest grass plot at the junction with Central Avenue; 8.1 feet southeast from the northwest curb of the grass plot; 8 feet west from the east curb and 0.4 mile southeast of State Highway #9. (Abreast of Station 181 + 42, Needham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AUA-121.038", set in a concrete monument, flush with the ground. June 1936. Recovered in good condition February 1940.

A13

179.921 feet

At Needham Heights, at right of entrance on the top landing of steps to the front entrance of the Needham Heights Public Library, on the corner of Highland Avenue and Rosemary Street. A U.S.C. & G.S. standard bench mark disk, stamped "A13-M.G.S.-1936-179.921". June 1936. Recovered in good condition February 1940.

B13

179.930 feet

In Needham, in the south buttress of steps to front entrance to the Harris School, #140 Beaufort Avenue. A U.S.C. & G.S. standard bench mark disk, stamped "B13-M.G.S.-1936". June 1936.

D15

125.254 feet

In the northwest corner of north concrete header of N.Y., N.H. & H.R.R. (Dedham Branch) cattle pass #221 and 770 feet east of Greendale Avenue bridge #2.35. A chiseled square. June 1936.

E15

159.669 feet

In the northeast corner of west abutment of N.Y., N.H. & H. R.R. (Dedham Branch) bridge #3.92 over Warren Street. A chiseled square. June 1936.

NEEDHAM First Order Bench Marks (Continued)

F15 165.971 feet
The top of granite base at southeast corner of town hall. No mark. June 1936. (Town of Needham, Basic Bench). Also a bench mark of the Metropolitan District Commission (Sewer Division).

AP15 169.165 feet
The top of buttress, on north side of steps, at east entrance to town hall, Highland Avenue. A Mass. Dept. of Public Works standard bench mark disk, stamped "AB15-169.165". June 1936. Recovered in good condition February 1940.

Second Order Bench Marks

G15 185.04 feet
At Needham Heights, in the southwest corner of the second step from the bottom, of the William Carter Public School, Highland Avenue. A chiseled cut. March 1937.

28R 157.13 feet
About 0.4 mile west of Needham Center, on the south side of Great Plain Avenue; 25 feet southeast of the center line of Marked Tree Road; 55 feet northwest of the northwest corner of house, #1218; 29.5 feet south of the center line of Great Plain Avenue; 59 feet southeast of a hydrant and 41 feet west of a catch basin. A Mass. Dept. of Public Works standard traverse disk, stamped "28R", set in a concrete monument, the top of which is 2 inches below the ground. March 1937.

28S 124.48 feet
About 0.6 mile west of Needham Center, on the southwest side of Great Plain Avenue; 1322 feet southeast of the center line of Central Avenue; 20.4 feet southwest of the center line of Great Plain Avenue; 87.5 feet northwest of the northwest corner of the porch on house, #1140 and 140 feet southeast of center line of Blacksmith Brook. A Mass. Dept. of Public Works standard traverse disk, stamped "28S", set in a concrete monument, the top of which is 2 inches below the ground. March 1937.

28T 155.67 feet
About 1 mile west of Needham Center, on the northeast side of Great Plain Avenue; 492 feet northwest of the center line of Central Avenue; 94 feet southeast of the south corner of the garage in front of #1489 Great Plain Avenue; 18 feet northeast of the center line of Great Plain Avenue and 46 feet southwest of the west corner of house, #1479. A Mass. Dept. of Public Works standard traverse disk, stamped "28T", set in a concrete monument, the top of which is 2 inches below the surface of the ground. March 1937.

NEEDHAM Second Order Bench Marks (Continued)

28U 149.93 feet
About 1 1/2 miles northwest of Needham Center, on the northeast side of Route #135 (Great Plain Avenue); 111 feet northwest of the center line of Curtis Road; 70 feet south of the southwest corner of house, #1725 and 17 feet northeast of the center line of Great Plain Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28U", set in a concrete monument, the top of which is 2 inches below the surface. March 1937.

28V 158.45 feet
About 1.8 miles northwest of Needham Center, on the southwest side of Great Plain Avenue (Route #135); 528 feet southeast of the Needham-Wellesley line; 5.6 feet southeast of telephone pole #11-78 and 25 feet southwest of the center line of Great Plain Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28V", set in a ledge, about 4 feet above the road. March 1937.

28AA 144.88 feet
About 2.5 miles north of Needham, at the center of the Cochituate Aqueduct; 423 feet southwest from the center line of Circumferential Highway (Route #128); 325 feet northwest from the northwest corner of #736 Central Avenue and 51 feet northeast from a stone monument, marked with a "T", at angle in aqueduct. A Mass. Dept. of Public Works standard traverse disk, stamped "28AA", set in a concrete monument, the top of which is 2 inches below the surface of the ground. March 1937.

28AB 145.87 feet
About 2.2 miles north of Needham Center, in the center of the Cochituate Aqueduct; 453 feet northeast from the center line of Cedar Street; 411 feet northeast from iron manhole cover or water gate and 5.5 feet from either side of bank of aqueduct. A Mass. Dept. of Public Works standard traverse disk, stamped "28AB", set in a concrete monument, the top of which is 2 inches below the ground. March 1937.

28AC 147.27 feet
About 2.1 miles north of Needham Center, on the east side of Central Avenue; 345 feet southwest of the center line of Cedar Street; 21 feet southeast of the center line of Central Avenue; and 40 feet northwest of the northwest corner of #330 Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AC", set in a concrete monument, the top of which is 3 inches below the surface of the ground. March 1937.

28AD 145.33 feet
About 1.8 miles north of Needham Center, on the southeast side of Central Avenue; 457 feet northeast of the junction of the center line of Central Avenue and Hunnewell Street; 22.5 feet southeast of the

NEEDHAM Second Order Bench Marks (Continued)

center line of Central Avenue and 55.7 feet northwest of the northwest corner of #460 Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AD", set in a concrete monument, the top of which is 3 inches below the surface of the ground. March 1937.

28AE

91.72 feet

About 1.5 miles north of Needham Center, on the south side of West Street; 39 feet east of the center line of Central Avenue; 117 feet northwest from the northwest corner of #368 West Street; 96.5 feet southwest from the southwest corner of #371 West Street; 66.3 feet northwest from a 30-inch maple tree; 45 feet southeast from a 30-inch ash tree; 5 feet northeast from a 30-inch ash tree and 24 feet south from the center line of West Street. A Mass. Dept. of Public Works standard traverse disk, stamped "28AE", set in a concrete monument, the top of which is 2 inches below the surface of the ground. March 1937.

28AEA

89.83 feet

About 1.5 miles north of Needham Center, on the south side of West Street; 1200 feet east from the center line of Central Avenue; 102.3 feet northeast from northwest corner of #284 West Street; 100.5 feet north from northeast corner of veranda of #284 West Street; 81.5 feet east of a 24-inch elm tree; 66.5 feet southeast from a 30-inch elm tree; 14.8 feet southwest from hydrant and 17.3 feet south from center line of West Street. A Mass. Dept. of Public Works standard traverse disk, stamped "28AEA", set in a concrete monument, the top of which is level with the surface of the ground. March 1937.

28AF

118.51 feet

About 1.4 miles northwest of Needham Center, on bank, on the western side of Central Avenue; 124 feet southwest from the center line of Forest Street; 122.3 feet northeast from the northeast corner of #855 Central Avenue; 63.5 feet north from offset line from northeast corner of #855 Central Avenue; 85 feet northwest from an 18-inch oak tree; 32 feet north from an 18-inch oak tree; 11.5 feet south from a 20-inch oak tree and 34 feet northwest from the center line of Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AF", set in a concrete monument, the top of which is 4 inches below the surface of the ground. March 1937.

28AG

140.24 feet

About 1 mile northwest of Needham Center, on the west side of Central Avenue; 1050 feet north of the center line of Great Plain Avenue; 21.5 feet west of the center line of Central Avenue and 114 feet northeast from the northeast corner of #1019 Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AG", set in a concrete monument, one inch above the surface of the ground. March 1937.

NEEDHAM Second Order Bench Marks (Continued)

28AH 154.66 feet
 About 1 mile west of Needham Center, on the east side of Central Avenue; 523 feet south of the center line of Great Plain Avenue (Route #135); 92.3 feet southeast from the southeast corner of #1129 Central Avenue; 50.8 feet southeast from a 30-inch elm tree; 39 feet northeast from a 15-inch elm tree; 40 feet north from a 24-inch maple tree; 25.5 feet southeast from an 18-inch elm tree; 28.5 feet southeast from hydrant and 16.6 feet east from the center line of Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AH", set in a concrete monument, the top of which is 2 inches below the level of the ground. March 1937.

28AJ 193.62 feet
 About 1 mile southwest of Needham Center, on the southeast side of junction of Central Avenue and Mark Tree Road; 82.2 feet south of center line of Mark Tree Road; 49 feet southeast of center line of Central Avenue; 215 feet south from southeast corner of #1311 Central Avenue and 123 feet south of a 30-inch pine tree. A Mass. Dept. of Public Works standard traverse disk, stamped "28AJ", set in a ledge outcrop, the top of which is 20 inches above the level of the street. April 1937.

28AK 166.91 feet
 About 1.2 miles southwest of Needham Center, on the northwestern side of Central Avenue; 1001 feet southeast from the center line of Mark Tree Road; 62.7 feet northwest from northwest corner of watchman's shelter (town of Needham dump); 42.3 feet northwest from hydrant; 30.2 feet northeast from a 10-inch oak tree; 16.4 feet southwest from a 12-inch oak tree; 22 feet northeast from offset line to shelter and 19.9 feet northwest from the center line of Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AK", set in a ledge outcrop, the top of which is 10 inches above the level of the street. April 1937.

28AL 165.65 feet
 About 1.7 miles southwest of Needham Center, on the west side of Central Avenue; 1406 feet northeast from the center line of Charles River Street; 145 feet northwest from the northwest corner of #1652 Central Avenue; 49 feet north of north side line of #1652 Central Avenue; 30.5 feet east of a hydrant; 38.5 feet south of a 24-inch oak tree; 19 feet northeast from a 24-inch oak tree and 12.8 feet northwest from center line of Central Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28AL", set in a concrete monument, the top of which is 2 inches below the level of the ground. April 1937.

28AM 154.21 feet
 About 2 miles southwest of Needham Center, on the east side of Central Avenue; about 1700 feet north of the junction of Fisher Street

NEEDHAM Second Order Bench Marks (Continued)

and Central Avenue; 78 feet south of the junction of Charles River Road and Central Avenue; 13.4 feet east of the center line of Central Avenue and 97 feet southwest from the hydrant. A Mass. Dept. of Public Works standard traverse disk, stamped "28AM", set in a concrete monument, the top of which is flush with the ground, September 1936.

28AN 153.93 feet
About 2 miles southwest of Needham Center, on the north side of Charles River Street; about 1700 feet northwest from Pine Street; 130 feet east from drive of #463 Charles River Street; 20.5 feet north from a 30-inch oak tree; 8 feet north from center line of Charles River Street; 7.4 feet east of pole #10-56 and 95 feet west from pole #10-55. A 1/4-inch drill hole, in a concrete monument. September 1936.

28AP 163.80 feet
About 2 1/4 miles southwest of Needham Center, on the south side of Charles River Street; about 1500 feet east of Grove Street; 32.1 feet south of center line of Charles River Street; 78 feet southeast from pole #10-66 and 60.6 feet southwest from pole #10-65. A 1/4-inch drill hole, in a concrete monument. September 1936.

28AQ 144.30 feet
About 2 1/2 miles southwest of Needham Center, on the southerly side of Charles River Road, at the junction of Grove Street; 6 feet west of center line of westerly branch of Grove Street; 20.4 feet south of center line of Charles River Road; 104.6 feet west of center line of drive at entrance to #634 Charles River Road; 41.7 feet east of pole #10-80 and 28.4 feet northeast from a 24-inch elm tree. A Mass. Dept. of Public Works standard traverse disk, stamped "28AQ", set in a concrete monument, the top of which is 3 inches below the surface of the ground. April 1937.

28AR 113.32 feet
In the extreme southwestern part of Needham, on the south side of Charles River Road; 1340 feet east of center line of Grove Street; 13.2 feet south of center line of Charles River Road; 26 feet east of a 24-inch diameter ash tree and 66.7 feet southeast from pole #4790. A Mass. Dept. of Public Works standard traverse disk, stamped "28AR", set in a concrete monument, the top of which is 4 inches below the top of the ground. April 1937.

28AS 110.14 feet
In the extreme southwestern part of Needham, on the north side of Charles River Street; 583 feet east from center line of Main Street (Dover); 58 feet east of center line of bridge over Charles River and 16 feet north of center line of Charles River Street. A Mass. Dept. of Public Works standard traverse disk, stamped "28AS", set in

NEEDHAM Second Order Bench Marks (Continued)

bridge abutment, the top of which is 10 inches above the surface of the street. April 1937.

52A 195.90 feet
About 0.6 mile southwest of Needham Junction station, on the southeast side of the N.Y.,N.H.& H. R.R. (Midland Division); 234 feet southwest of the center line of High Rock Street bridge over railroad and 37 feet southeast of the southeast rail. A U.S.C.& G.S. and State Survey standard disk, stamped "52A", set in top of rock ledge. August 1935.

52B 173.94 feet
About 0.8 mile southwest of Needham Junction station, on a small embankment, on the southeast side of the N.Y.,N.H.& H. R.R. (Midland Division); 1068 feet southwest of the center line of High Rock Street bridge over railroad and 17.5 feet southeast of the southeast rail. A U.S.C.& G.S. and State Survey standard disk, stamped "52B", set in a concrete monument flush with the ground. August 1935.

52C 128.26 feet
At the Charles River station in Needham, on the north side of the N.Y.,N.H.& H. R.R. (Midland Division); 220 feet west of center line of Fisher Street; 38 feet south of south side of Walker-Gordon property and 16.5 feet north of the north rail. A U.S.C.& G.S. and State Survey standard disk, stamped "52C", set in a concrete monument, the top of which is flush with the ground. April 1937.

52D 122.08 feet
About 0.3 mile southwest of Charles River station, on the north side of the N.Y.,N.H.& H. R.R. (Midland Division); 383 feet northeast of the center line of bridge over the Charles River; 800 feet northeast of the center line of Center Street bridge (Dover); 8.9 feet south of railroad property line and 10.9 feet north of the north rail. A U.S.C.& G.S. and State Survey standard disk, stamped "52D", set in a concrete monument, the face of which is flush with the ground. August 1935.

*M128AF feet
About 1 3/4 miles southeast of Needham Center; 820 feet north of center line of Charles River Bridge (Dedham-Needham town line) on west side of Route #128, north of a private driveway; 4.7 feet west of west curb and 35.3 feet southeast of a Massachusetts highway bound. (Abreast of Station 8 + 16, Dedham 1931 layout). A U.S.C.& G.S. and State Survey standard disk, stamped "M128AF", set in a concrete monument in sloping gravel sidewalk, about 8 inches below sidewalk but level with top of curb.

*The elevation of this mark has not been determined.

NEEDHAM Second Order Bench Marks (Continued)

*M128AY feet
 In Newton Upper Falls, on the west side of Reservoir Street; about 250 feet south of the Needham-Wellesley town line; about 2 feet east of the face of a high ledge; 60.4 feet southwesterly from a manhole in roadway; 75.6 feet westerly from a catch basin, on opposite side of highway and 88.6 feet from a Massachusetts highway bound, also on opposite side of highway. (Abreast of Station 201+24, Dedham 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AY", set in a concrete monument, 18 inches under the ground.

T.B.M. #4036 94.72 feet
 About 0.7 mile northwest of Needham Heights Square, on the southeast side of Central Avenue; 0.2 mile southeast of Hunnewell Street; 50.5 feet northwest of north corner of house, #564 Central Avenue and 51.4 feet northeast of hydrant. High point on southwest corner of granite slab of catch basin. No mark. March 1937.

T.B.M. Charles River #52 99.54 feet
 About 1/2 mile west of Newton Upper Falls, on the three span stone type bridge over the Charles River, between the towns of Newton and Needham; 57.3 feet east from the west end of the south abutment wall and outside of the wooden rail fence. Central Avenue is on the Needham side of the line, while the continuation of the avenue on the Newton side is called Elliot Street and Chestnut Street. It is 570 feet west of the intersection of Elliot and Chestnut Streets and 630 feet east of Route #128 (Circumferential Highway) and Central Avenue. A chiseled square, set in the top and center of the southerly stone abutment wall (upstream). June 1935.

T.B.M. Charles River #53 140.43 feet
 In Newton Upper Falls; 510 feet south along Ellis Street from Worcester Pike (Route #9), in the top and in the center of the northwest stone wall of the high single arch stone and granite bridge (Glen Echo Bridge) over the Charles River between the towns of Newton and Needham; 318.3 feet southwest from the east end (the Newton end) of the bridge and is in the center of the span directly over the Charles River, which is the boundary line between the two towns. A chiseled square, cut in granite capstone. June 1935.

T.B.M. Charles River #84 102.16 feet
 In the southern part of Needham, at the Needham and Dedham Avenue (Route #135) bridge over the Charles River, in the top and center of the north end of the center concrete pier, where it intersects the northeast (downstream) concrete abutment wall, about on the center line of the Charles River, which is the boundary line between Needham and Dedham and 790 feet southeast from South Street in Needham. A chiseled square. September 1935.

*The elevation of this mark has not been determined.

NEEDHAM Second Order Bench Marks (Continued)

T.B.M. Charles River #86 117.16 feet
 At Charles River Village, on the Needham side of the South Street bridge over the Charles River, in the southeast corner of the north stone abutment wall and 28 feet northeast of the center line of the east(downstream) abutment wall of the single span stone arch bridge. There is a concrete dam and waterfall just downstream from the east side of the bridge. A chiseled square. September 1935.

T.B.M. Charles River #90 110.19 feet
 In the extreme southwestern part of Needham, on the Needham side of the Charles River road bridge (Dover Street) over the Charles River, which is the boundary line between Needham and Dover, in the top of the concrete of the extreme northeast corner of the south (downstream) concrete abutment wall and 0.5 mile east from Pleasant Street in Natick. A chiseled square. April 1937.

T.B.M. Charles River #98 90.45 feet
 In the northeastern part of Needham, in the top of the southwest corner of the west stone abutment wall supporting a wooden bridge over the Charles River on Kendrick Street; about 3400 feet east of the Circumferential Highway (Route #128). A chiseled square, on the Needham side of the Charles River, the center of which is the boundary line between the towns of Needham and Newton. July 1935.

T.B.M. Charles River #101 88.49 feet
 At Newton Upper Falls, on the west bank of the Charles River; 17.8 feet southwest of the west end of the wooden dam, in the rear of the New England Rayon and Silk Finishing Company, Elliot Street, Newton Upper Falls and 3.3 feet northwest from the edge of the ledge outcrop and the river. The wooden dam is above the Glen Echo Bridge. An iron bolt and nut in a chiseled square, on a ledge outcrop. June 1935.

Carters Rock, 1887 191.01 feet
 In the extreme northern corner of Needham; about 800 feet northwest of junction of Central Avenue and Reservoir Street; about 335 feet west of center of Reservoir Street, abreast of Massachusetts highway station 189, Needham 1931 layout; about 280 feet north of Sudbury Aqueduct; 5 feet north of south face of cliff and about 50 feet above street level. A copper bolt, within a 6-inch chiseled triangle, set in highest part of prominent ledge outcrop. June 1934.

Bench Marks at Water Supply Units

68E-20 95.28 feet
 Two and one-half miles east of Needham town hall. To reach the bench mark proceed easterly from Greendale Avenue (Route #128) on Kendrick Street 2200 feet, turn south on a city of Newton private

NEEDHAM Second Order Bench Marks at Water Supply Units (Continued)

way, 2000 feet to a point near the west bank of the Charles River; A square-headed lag screw, on the northerly wall of Well House #2 of the Newton Water Works, a brick building with entrance on the easterly side; 18.9 feet east of a transformer pole; 2 feet west of northeast corner of building and 2.3 feet above the ground. August 1936.

Ref. BM 68E-20A 100.82 feet
A monel rivet, set atop of a concrete foundation; 100.4 feet west of the center line of a private road and 140 feet northwest of BM 68E-20, being about one foot above the ground.

This well is a part of the Newton water supply system. See NEWTON for supplementary data.

68E-21 262.45 feet
One and one-quarter miles northeast from town hall, in the east central part of the town, atop a hill, which is 275 feet south of the center line of the intersection of Hoover and Burnside Roads; about on line of center line of Burnside Road produced and 150 feet south of stonewall on the most easterly side of standpipe. A monel rivet, set in top of granite block, flush with the ground and holding anchor bolt of standpipe. March 1937.

Ref. BM 68E-21A 262.57 feet
A monel rivet, set on most westerly side of standpipe, on top of concrete manhole; about 30 feet west from BM 68E-21; 1.8 feet off standpipe and 2.1 feet southeast of center of manhole cover.

Ref. BM 68E-21B 261.32 feet
A monel rivet, set on a 2-foot by 3-foot boulder, 0.5 foot above the ground being 134.2 feet southeast of BM 68E-21A and 131.1 feet south of BM 68E-21.

68E-23 121.75 feet
Three-quarters of a mile southeast of Needham town hall, near the N.Y., N.H. & H. R.R. (Dedham Branch) bridge #3.57 over Dedham Avenue; 150 feet south of the track; 201 feet east of the center line of Dedham Avenue, at a point 300 feet south of bridge #3.57. A monel rivet, set on the south end of doorsill, on the west side of the building known as Fuller's Well. June 1936.

Ref. BM 68E-23A 127.97 feet
A monel rivet, set atop of west abutment at the south end of ramp of the N.Y., N.H. & H. R.R. bridge #3.53, about 3 feet up; 97.1 feet north of the northwest corner of well house; 14.8 feet north of line of fence and 80.1 feet west of a pole.

NEEDHAM Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68E-23B 123.70 feet
A monel rivet, set atop of south end of concrete head wall of pipe running east from well; 49.2 feet southeast of BM 68E-23A; 81.9 feet northeast of the northeast corner of well house and 5.2 feet south of fence line.

68E-24 99.07 feet
About 1 1/4 miles southeast of Needham town hall, at Needham pumping station #1 at #484 Dedham Avenue; about 375 feet northwest of the intersection of South Street and Dedham Avenue; 83.6 feet east of the center line; 68.9 feet east of pole and 14 feet north of the southwest corner of pumping station. A monel rivet, set on the south end of front doorsill. June 1936.

Ref. BM 68E-24A 99.37 feet
A monel rivet, set on top of boulder; 1.75 feet above the ground; 325 feet northwest of intersection of South Street and Dedham Avenue, being 36 feet east of the center line; 54.1 feet northwest of the northwest corner of piazza on house; 62.1 feet south of BM 68E-24 and 61.8 feet southeast of pole.

Ref. BM 68E-24B 97.01 feet
A monel rivet, set atop of the south wing wall of culvert under Dedham Avenue at the east end, being 25.2 feet east of center line of avenue; 8.5 feet west of east end of ramp; 52.5 feet west of east end of stone retaining wall; 151.8 feet northwest of BM 68E-24 and 179.7 feet northwest of BM 68E-24A.

68E-33 302.21 feet
About 1.7 miles east from town hall, in the Birds Hill section of the town; 792 feet north of center line intersection of Birds Hill Avenue and Hillcrest Road at the Birds Hill standpipe. A monel rivet, set 4.1 feet west of the face; 2.9 feet southeast of the center line of manhole cover; 104 feet south of a wire fence running east and west and 80.7 feet east of center line of Hillcrest Road. June 1936.

Ref. BM 68E-33A 296.03 feet
A monel rivet, set on the north end of a masonry stone wall, in front of house, #176 (Hillcrest Road); 21.2 feet west of center line of road; 107.8 feet southwest of BM 68E-33; 25.2 feet northeast of the northeast corner of house, #176 and 17.5 feet southwest of a hydrant.

Ref. BM 68E-33B 303.71 feet
A monel rivet, set atop of concrete apron of standpipe, on southwest side of tank, at one of the angle points, being 2.6 feet off face of tank; 28.2 feet southeast of BM 68E-33 and 117 feet east of BM 68E-33A.

NEEDHAM Second Order Bench Marks at Water Supply Units (Continued)

68E-34 92.86 feet
 About 2 miles southeast of town hall; in the southeastern part of the town; 2000 feet east of the center line intersection of Greendale Avenue (Route #128) and Great Plain Avenue and 180 feet south of the center line of Great Plain Avenue. A monel rivet, set on the west end of doorsill of Needham pumping station #2, being on the northerly side of the building. June 1936.

Ref. BM 68E-34A 93.82 feet
 A monel rivet, set atop of a concrete monument, protruding 8 inches above the ground; 141.5 feet northeasterly of BM 68E-34; 23.1 feet east of the center line of driveway to the pumping station and 42.5 feet south of the center line of Great Plain Avenue.

Ref. BM 68E-34B 92.06 feet
 A monel rivet, set atop of the west end of the southerly head wall of culvert under Great Plain Avenue; 30.1 feet south of the center line; 143.4 feet east of BM 68E-34A; 234 feet northeast of BM 68E-34 and 0.4 foot east of the west end of head wall.

68E-38 (Well #1-Newton Water Works) 91.94 feet
 About 2.5 miles east of Needham town hall. To reach the bench mark, proceed easterly from Greendale Avenue (Route #128) on Kendrick Street 2200 feet, turn south on a city of Newton private way 3300 feet, to a point near the westerly bank of the Charles River; 1500 feet easterly from M128-AM (MGS traverse). A monel rivet, set inside Well House #1 of the Newton Water Works, 0.6 foot below ground surface; 0.25 foot south of inside of northerly foundation and 2.5 feet west of inside of easterly foundation. August 1936.

Ref. BM 68E-38A 91.83 feet
 A monel rivet, set atop of northerly end of a 7.5-foot by 1.2-foot concrete head wall, on the westerly end of culvert under private road; 150.7 feet southwest of BM 68E-38B; 13.2 feet northeast of a 24-inch maple tree and 0.35 foot south of north end of head wall.

Ref. BM 68E-38B 91.45 feet
 A monel rivet, 0.3 foot above the ground, at the south end of doorsill on the westerly side of telephone building; 3.9 feet south of the northwest corner of building which is adjacent on the south side of an 18-foot diameter covered well.

This well is a part of the Newton water supply system. See NEWTON for supplementary data.

68E-56 109.99 feet
 About 5 miles southwest from town hall, in the extreme southwest corner of town. To reach the bench mark by auto from town hall, proceed west on Great Plain Avenue, southwest on Marked Tree Road and

NEEDHAM Second Order Bench Marks at Water Supply Units (Continued)

Pine Street, and west on Charles River Street. A chiseled square, on the southwest corner of top step of entrance of pumping station #3, 50 feet south of Charles River Street center line and 600 feet east of Charles River. February 1937.

Ref. BM 68E-56A 110.48 feet
A chiseled square, on southwest corner of concrete water table of station.

Ref. BM 68E-56B 110.50 feet
A chiseled square, on southeast corner of concrete water table of station.

68E-60 90.60 feet
In Needham Heights, near Newton town line, on northeast side of Newton Water Works low lift pumping station, on south bank of Charles River off Highland Avenue. A monel rivet, set on west corner of concrete platform. June 1937.

Ref. BM 68E-60A 94.44 feet
A monel rivet, set in granite curb of large manhole; 44.4 feet west of north corner and 44 feet north of west corner of Newton Water Works low lift pumping station.

Ref. BM 68E-60B 95.23 feet
A monel rivet, set in east corner of top concrete step of flight leading from driveway to southwest side of Newton Water Works low lift pumping station; 29 feet northeast of center line of drive and 33.2 feet southwest of south corner of pumping station.

This pumping station is a part of the Newton water supply system. See NEWTON for supplementary data.

Supplementary Data

	Elevation
<u>68E-21 RYANS HILL STANDPIPE</u>	
Bottom of standpipe (Dia. 25 ft., Ht. 85 ft.)	262.74
Overflow (Capacity 312,000 gals.)	347.74
<u>68E-23 FULLERS WELL</u>	
Top of dug well (abandoned)	121.52

NORFOLK

First Order Bench Marks

AE53 174.325 feet
 In the central part of the town, in the northwest corner of Pond Street (Route #115) North and Needham Streets, in the concrete top of Stony Brook Dam. A Mass. Dept. of Public Works standard bench mark disk, stamped "AE53-174.325", set at the south end of the spillway gate. May 1939. Recovered in good condition July 1940.

AF53 211.600 feet
 In the center of the town, in the southwest corner of Rockwood Road (Route #115) and Main Street, on the masonry wall at the south end of the easterly step entrance to town park. A Mass. Dept. of Public Works standard bench mark disk, stamped "AF53-211.600", set in the concrete coping, 3 1/2 feet above road level. May 1939. Recovered in good condition July 1940.

T.B.M. #3174 213.256 feet
 In the southeastern corner of the town, on the N.Y., N.H. & H. R.R. (Wrentham Division) bridge over Pond Street (Route #115), on the northwest wing wall of the southwest abutment. A monel rivet, set in the top of the first granite step, 3 feet above highway level. April 1939.

T.B.M. #3175 156.958 feet
 In the southeastern part of the town, on the east side of Route #115; 70 feet from the center line; 147 feet southeast of the south corner of east head wall of culvert; 98 feet southeast of pole #20/47; 59 feet northeast of pole #20/40; 0.2 mile southeast of Marshall Street and in the west center of a 20-foot by 16-foot puddingstone ledge. A monel rivet, set 19 inches from the west face, 2 feet below highway level. May 1939.

T.B.M. #3176 161.940 feet
 In the central part of the town, at the intersection of North, Needham and Pond Streets (Route #115), on the west end of the north head wall of twin culvert carrying Stony Brook under Needham Street. A monel rivet. May 1939.

T.B.M. #3177 210.947 feet
 In the center of the town, on the southwest side of North Street (Route #115); 27 feet from the center line; 79 feet southeast of the most easterly corner of a house; 53 feet south of a 4-foot elm tree and 390 feet southeast of Union Street. A monel rivet, set in the top of outcropping boulder, 3 1/2 feet above highway level. May 1939.

NORFOLK First Order Bench Marks (Continued)

T.B.M. #3178 210.850 feet
In the center of the town, in the southeast corner of Main Street and Rockwood Road (Route #115), in the top of the south end of the concrete foundation for steps to Norfolk Center School. A monel rivet. May 1939.

T.B.M. #3179 193.740 feet
In the north central part of the town, on the northeast side of Rockwood Road (Route #115); 82 feet from center line; 63 feet northwest of catch basin; 35 feet east of pole #24 and 22.5 feet east of center line of Cleveland Street. A monel rivet, set in the top of a boulder outcrop, 3 feet above the road level. May 1939.

T.B.M. #3180 134.994 feet
In the northern part of the town, on the east side of Route #115, at the intersection of Holbrook Street and Muddy Brook. A monel rivet, set in the top of the south end of east head wall of culvert carrying Muddy Brook under Route #115. May 1939.

Sharon, 1937 184.011 feet
In the southeastern corner of the town, on the northeast side of Route #115; 18 feet from the center line; 258 feet southeast of Route #1A and 100 feet northwest of Stop Brook. A U.S.C. & G.S. gravity station disk, stamped "SHARON-1937-184.011", set in the top of a large ledge outcrop, 5 feet above the road level. May 1939. Recovered in good condition July 1940.

207.6 (U.S.G.S.) 207.363 feet
In the center of the town, on the east side of Rockwood Road (Route #115); 28 feet from the center line; 80 feet southeast of the N.Y., N.H. & H. R.R. (Midland Division). A copper nail and washer, set in an oval grass plot in the west root of a 4-foot elm tree. May 1939.

Second Order Bench Marks

N10 237.72 feet
In the southeastern corner of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Wrentham Branch) bridge #8.64 over Hill Street. A chiseled square, on the top course of southeast wing wall, 2.3 feet from the girder. November 1930.

T.B.M. Charles River #39 133.95 feet
In the western part of the town, on the south side of Miller Street. A chiseled square, at east end of bridge over the Mill River, on concrete base for iron pipe rail fence. October 1935.

NORFOLK Second Order Bench Marks (Continued)

T.B.M. Charles River #40 152.95 feet
In City Mills, on the south side of Main Street, at the west end of
bridge over the Mill River. A chiseled square, on stone in retaining
wall. October 1935.

T.B.M. Charles River #41 180.09 feet
In the southwestern corner of the town, on the south side of Lawrence
Street. A chiseled square, on concrete wing wall, at the east end
of bridge over the Mill River. October 1935.

Norfolk has no municipal water supply system.

NORWOOD

(There are no First Order Bench Marks)

Second Order Bench Marks

MLA 66.26 feet
About 1 mile east of Norwood Center, on Route #1 (Boston-Providence Turnpike); 445 feet south of the center line of Neponset Street; 76.3 feet northeast of a 2-foot tree; 22 feet west from west edge of pavement, in the westerly of two Massachusetts highway bounds, on either side of highway at the point of curve. (At Station 130+19.81, Norwood 1931 layout, Section A). A U.S.C. & G.S. and State Survey standard disk, stamped "MLA". March 1935.

MLB 85.84 feet
About 1 mile east of Norwood Center, on Route #1 (Boston-Providence Turnpike); 995 feet north of center line of East Cross Street; 186 feet north of a catch basin; 80 feet northeast of end of stone wall on west side of highway; 20.4 feet east from east edge of pavement and in the easterly of a pair of Massachusetts highway bounds, at the point of tangent of a curve. (At Station 117 + 38.08, Norwood 1931 layout, Section A). A U.S.C. & G.S. and State Survey standard disk, stamped "MLB". May 1935.

MLC 81.10 feet
In the eastern part of Norwood, on Route #1 (Boston-Providence Turnpike); 65 feet north of center line of East Cross Street; 20.4 feet east of east edge of concrete pavement and in easterly of a pair of Massachusetts highway bounds, on the point of a curve; 17.6 feet northeast of pole and 17.5 feet north of traffic lights. (At Station 108+09.66, Norwood 1931 layout, Section A). A U.S.C. & G.S. and State Survey standard disk, stamped "MLC". May 1935.

MLD 55.40 feet
In the southeastern part of Norwood, on Route #1 (Boston-Providence Turnpike); 2460 feet south of center line of a bridge over Neponset River; 680 feet south of a dirt road, on line between two Massachusetts highway bounds, on either side of highway; 50.3 feet southeast of "end of measured mile" signpost; 82 feet east of the northerly of two supports in front of a Shell gas station and 0.7 foot in from west edge of concrete pavement. (At Station 50 + 30.37, Norwood 1931 layout, Section A). A U.S.C. & G.S. and State Survey standard disk, stamped "MLD". June 1935.

MLE 83.24 feet
In the southeastern part of Norwood, on Route #1 (Boston-Providence Turnpike); 1568 feet north of center line of Summer Street; 147.5 feet south of a stone wall and 20 feet west of the west edge of concrete pavement. (At Station 39 + 17.72, Norwood 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "MLE", set in

NORWOOD Second Order Bench Marks (Continued)

the westerly of a pair of Massachusetts highway bounds, at the point of a curve. June 1935.

MLF 119.36 feet
In the southeastern part of Norwood, on Route #1 (Boston-Providence Turnpike); 400 feet north of the center line of Summer Street and 54.2 feet south of the south gate post of a cattle run; 18.5 feet northeast of an expansion joint in the roadway and 17.9 feet east of the east edge of concrete pavement. (At Station 27+54). A U.S.C. & G.S. and State Survey standard disk, stamped "MLF", set in a concrete monument, the top of which is 2 feet below the ground. June 1935.

MLG 101.50 feet
In the extreme southern part of Norwood, on Route #1 (Boston-Providence Turnpike); 227 feet south of center line of Union Street; 46.8 feet east of the concrete town line signpost and 0.7 foot west of the edge of concrete pavement. A U.S.C. & G.S. and State Survey standard disk, stamped "MLG", set in a concrete roadway, on the Norwood-Walpole line. June 1935.

MLBG 71.63 feet
In the extreme northern part of Norwood, on Route #1 (Boston-Providence Turnpike); 595 feet south of the Norwood-Westwood line, in the northwest corner of its intersection with Everett Street; 28.9 feet northeast of the center line of Everett Street; 65.7 feet north of a wooden post at end of fence; 32 feet northwest of the center of the turnpike and 15.2 feet southeast of a catch basin. (At Station 205+48, Norwood 1932 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "MLBG", set in a concrete monument, flush with the ground. March 1935.

MLBH 57.38 feet
In the northeastern part of Norwood, on Route #1 (Boston-Providence Turnpike); 1313 feet north of the intersection of Pleasant Street; 71.4 feet south of southeast corner of a roadside stand; 162.3 feet north of a culvert; 13 feet south of a northerly end of guard rail post and 3.1 feet south of the second guard rail post. A U.S.C. & G.S. and State Survey standard disk, stamped "MLBH", set in a concrete monument, 2 inches below the ground. March 1935.

MLBJ 59.18 feet
In the northeasterly part of Norwood, in the grass plot at the intersection of Route #1 and Pleasant Street; 84 feet east of a catch basin, on the north side of Pleasant Street; 81 feet east of a catch basin, on the south side of Pleasant Street; 10.6 feet south of a traffic light and 10.7 feet southeast of a street light pole. A U.S.C. & G.S. and State Survey standard disk, stamped "MLBJ", set in a concrete monument, 2 inches below the ground. March 1935.

NORWOOD Second Order Bench Marks (Continued)

M1BK 59.27 feet
In the eastern part of Norwood, on Route #1; 525 feet north of intersection of Neponset Street; 39 feet north of northwest corner of head wall of culvert and 26.8 feet east of the center of turnpike. (At Station 140+00). A U.S.C. & G.S. and State Survey standard disk, stamped "M1BK", set in a concrete monument, 1 inch below the surface. March 1935.

M1CA 53.02 feet
In the eastern part of Norwood, at the northeast corner of the intersection of Dean Street and Route #1 (Boston-Providence Turnpike), on the southeast corner of granite culvert; 41 feet west of a hydrant; 53.2 feet southeast of the intersection of center line of Route #1 and expansion joint in roadbed; 43 feet south of a traffic light on east side of Route #1 and 25.9 feet west of a traffic light on north side of Dean Street. A chisel cut. June 1935. Recovered in good condition November 1940.

15A 158.50 feet
In the north central part of Norwood, near the intersection of Adams and Roosevelt Streets; 123.5 feet northeast of the center line of Roosevelt Street; 112.2 feet northeast of the west corner of house, #132 Roosevelt Street and 39 feet northwest of pole #J121-4. A U.S.C. & G.S. and State Survey standard disk, stamped "15A", set in a flat outcropping ledge, which forms a junction of several stone walls. May 1935.

15B 146.36 feet
In the north central part of Norwood, on the east side of the N.Y., N.H. & H. R.R. (Midland Division); 977 feet south of railroad bridge over Washington Street; 85 feet north of west end of a stone wall; 44 feet east of the east rail of north bound track and 21.5 feet southwest of pole #37. A U.S.C. & G.S. and State Survey standard disk, stamped "15B", set in a concrete monument, flush with the top of embankment, in rear of house, #362 Washington Street. May 1935.

15C 125.05 feet
In the north central part of Norwood, on the N.Y., N.H. & H. R.R. (Midland Division). A U.S.C. & G.S. and State Survey standard disk, stamped "15C", set in the east end of the concrete parapet of the bridge over Washington Street; 2.9 feet southwest of the east face of abutment. May 1935.

15D 120.72 feet
In the northern part of Norwood, on the N.Y., N.H. & H. R.R. (Midland Division); about 780 feet northwest of the railroad bridge over Washington Street; 484 feet southwest of the point of curve on the west rail of the south bound tracks; 42.8 feet southeast of the center line of Upland Road (Route #1A); 10.5 feet south of a Massachusetts

NORWOOD Second Order Bench Marks (Continued)

highway bound and 19.9 feet west of the west rail of the south bound track. A U.S.C. & G.S. and State Survey standard disk, stamped "15D", set in a concrete monument, flush with top of large mound of cinders. May 1935.

74A 156.15 feet
In the north central part of Norwood, on the east side of Washington Street; 368 feet southwest of intersection of Walkhill Road; 39 feet southwest of pole #J153-74; 26.5 feet northeast of a manhole; 6.8 feet northwest of granite post, at north end of iron fence; 6 feet west of east street line and 1.1 feet east of curb. A U.S.C. & G.S. and State Survey standard disk, stamped "74A", set in a concrete monument, the top of which is flush with the surface of the concrete sidewalk. November 1936.

74B 141.12 feet
In the central part of Norwood, at the southwest corner of the intersection of Washington, Walpole and Guild Streets; 39.2 feet southeast of a police and fire alarm box; 29.2 feet northeast of the northeast corner of the Christian Science building and 6.6 feet southwest of a pole. A U.S.C. & G.S. and State Survey standard disk, stamped "74B", set in a concrete monument, the top of which is flush with the surface of the sidewalk. October 1936.

74C 112.61 feet
In the central part of Norwood, on the east side of Washington Street at its intersection with Chapel Street and 10.4 feet southeast of pole #J153-189. A U.S.C. & G.S. and State Survey standard disk, stamped "74C", set in the top of a stone retaining wall; 65.7 feet south of the north end and 1.8 feet west of the east edge. November 1936.

74D 65.18 feet
In the southern part of Norwood, on the east side of Washington Street; 44 feet north of the center line of St. Paul Avenue; 5.2 feet west of the east street line; 3.5 feet east of stone curb and 4.3 feet northeast of pole #153-260. A U.S.C. & G.S. and State Survey standard disk, stamped "74D", set in a concrete monument, the top of which is 2 inches below the surface of the sidewalk. November 1936.

74H 172.04 feet
In the northern part of Norwood, on the northwest side of Prospect Street; 229 feet northeast of the center line of Myrtle Street; 38.1 feet northeast of pole #J116-16; 20.5 feet northwest of the center line of Prospect Street and 1.6 feet southeast of a stone wall. A U.S.C. & G.S. and State Survey standard disk, stamped "74H", set in a concrete monument, the top of which is 3 inches below surface of gravel sidewalk. October 1936.

NORWOOD Second Order Bench Marks (Continued)

74J 186.50 feet
In the northwestern part of Norwood, at west corner of intersection of Prospect Street and Railroad Avenue; 27.6 feet east of east corner of house, #191; 32.8 feet southeast of pole #118-55; 71.9 feet west of a hydrant, on east corner of intersection; 6.3 feet north of catch basin, on northeast side of Prospect Street and 39 feet from street line monument at intersection of street lines, on north corner of intersection. A U.S.C. & G.S. and State Survey standard disk, stamped "74J", set in a concrete monument, the top of which is 3 inches below the surface of gravel sidewalk. October 1936.

74K 211.37 feet
In the west central part of Norwood, on the southwest side of Lincoln Street; 190.6 feet northwest of center line of Nichols Street; 6.8 feet northeast of southeast street line; 79.3 feet southwest of west corner of house, #145; 56.1 feet west of pole #J14-17-0 and 81 feet southeast of first pole northwest of pole #J14-17-0 and 12 inches north of edge of sidewalk. A U.S.C. & G.S. and State Survey standard disk, stamped "74K", set in a concrete monument, the top of which is 7 inches below the surface of gravel sidewalk. October 1936.

74L 168.47 feet
In the central part of Norwood; 181 feet northwest of center line of Walpole Street; 3.7 feet northeast of southwest street line of Bond Street; 33.6 feet west of a 36-inch oak tree, on northeast side of Bond Street; 25.3 feet northeast of north corner of garage in rear of house, #81 Walpole Street; 34.7 feet north of east corner of same garage and 33.1 feet southeast of monument, marking east corner of lot occupied by house, #70. A U.S.C. & G.S. and State Survey standard disk, stamped "74L", set in a concrete monument, the top of which is 3 inches below the surface of gravel sidewalk, on southwest side of Bond Street. October 1936.

74M 187.74 feet
In the western part of Norwood, at east corner of intersection of Nichols and Fisher Streets, approximately on street line; 21.7 feet northeast of center line of Fisher Street; 51 feet southeast of center line of Nichols Street; 14.7 feet southwest of a 20-inch elm tree and 31.5 feet northwest of a 12-inch elm tree. A U.S.C. & G.S. and State Survey standard disk, stamped "74M", set in a concrete monument, the top of which is flush with the ground. November 1936.

74N 122.78 feet
In the extreme western part of Norwood, at point of curve of street line of east side of Nichols Street; 1507 feet southwest of center line of Fisher Street; 66.2 feet southeast of point of curve of monument, on west side of street; 81.4 feet southeast of manhole, on west street line at intersection of an unnamed street under construction at time of description; 15.3 feet northeast of a manhole and

NORWOOD Second Order Bench Marks (Continued)

14.8 feet northeast of center culvert. A U.S.C. & G.S. and State Survey standard disk, stamped "74N", set in a granite street line monument, the top of which is 4 inches above ground. November 1936.

74P 141.61 feet
In the southwestern part of Norwood, on the southeast side of Walpole Street; 1016 feet southwest of the center line of Chapel Street; 2 feet southeast of concrete sidewalk; 62.8 feet north of the northwest corner of house, #344; 32.2 feet south of pole #J-151-52-0; 41.7 feet northeast of southeast street line of point of curve of monument, located in front of #344 and 61 feet southeast of northeast corner of granite post, 4 inches high, at north end of granite wall on the northwest side of street. A U.S.C. & G.S. and State Survey standard disk, stamped "74P", set in a concrete monument, the top of which is 3 inches below the surface. November 1936.

74Q 106.32 feet
In the southwestern part of Norwood, on the N.Y., N.H. & H. R.R. (Midland Division); 953 feet southwest of extended center line of Concord Avenue; 38.7 feet northeast of center line of stone culvert which carries Hawes Brook, under tracks and 5.1 feet southeast of the southeast rail. A U.S.C. & G.S. and State Survey standard disk, stamped "74Q", set in a concrete monument, 4 inches below surface. November 1936.

74R 59.46 feet
In the south central part of Norwood, at the south corner of the intersection of Dean and Pleasant Streets; 75.7 feet southeast of center line of Pleasant Street; 8.6 feet southeast of center of storm sewer manhole cover; 7.9 feet west of pole #J37-16 and 2 feet northeast of Dean Street line. A U.S.C. & G.S. and State Survey standard disk, stamped "74R", set in a concrete monument, the top of which is 3 inches below surface of granolithic sidewalk. November 1936.

74S 55.59 feet
In the south central part of Norwood, on north side of Dean Street; 1001 feet west of center line of State Highway #1; 59.1 feet southwest of southwest corner of house, #190; 1.5 feet south of north street line; 35.6 feet east of pole #J37-26 and 44 feet west of pole #J37-27. A U.S.C. & G.S. and State Survey standard disk, stamped "74S", set in a concrete monument, the top of which is 3 inches below the surface. November 1936.

74T 111.55 feet
In the central part of Norwood; 19.7 feet east of center line of Lenox Street; 82 feet north of a hydrant; 42.8 feet northeast of center of catch basin; 177.7 feet south of center line of Nahatan

NORWOOD Second Order Bench Marks (Continued)

Street and 36.7 feet north of pole #79-13. A U.S.C. & G.S. and State Survey standard disk, stamped "74T", set in a concrete monument. November 1936.

74U 145.16 feet
In the north central part of Norwood, at northwest corner of intersection of Railroad Avenue, Adams and Lenox Streets; 241 feet east of N.Y., N.H. & H. R.R. tracks; 66 feet east of hydrant, which is on north side of Railroad Avenue; 20.2 feet west of pole #J118-15 and 58.1 feet north of pole #J79-1. A U.S.C. & G.S. and State Survey standard disk, stamped "74U", set in a concrete monument, flush with the ground. November 1936.

T.B.M. Neponset River #21A 106.47 feet
About 1.75 miles northwest of Canton Junction. The northeast bolt, on top of the hydrant, on the east side of Neponset Street, about 0.5 mile northwest of Neponset River. August 1935.

T.B.M. Neponset River #21B 53.38 feet
About 1 mile south of Norwood Center. The south bolt, on top of the hydrant, on the north side of Dean Street and 500 feet east of Route #1. August 1935.

T.B.M. Neponset River #22 56.52 feet
About 1 1/4 miles south of Norwood Center, on the east end of north abutment of bridge carrying Route #1 over the Neponset River. A chiseled square, August 1935. Recovered in good condition November 1940.

T.B.M. Neponset River #23 60.30 feet
About 1 mile south of Norwood Center, on the northeast end of concrete fence, on southeast side of Pleasant Street bridge over Neponset River. A chiseled square, in center of end post. August 1935.

T.B.M. Neponset River #24 76.56 feet
About 1 mile south of Norwood Center, on the southwest corner of northwest granite coping on the N.Y., N.H. & H. R.R. (Wrentham Branch) bridge over Neponset River. A chiseled square. August 1935.

T.B.M. Neponset River #25 60.73 feet
About 1 1/2 miles south of Norwood Center. A chiseled square, in the center of top rock, at the north end of the east abutment of the Morse Street bridge over Neponset River. October 1935.

T.B.M. Neponset River #26 60.82 feet
About 1 3/4 miles south of Norwood Center, in yard of Bird & Son, Inc. A chiseled square, in the east end of the south concrete curb of bridge over the Neponset River between buildings F.F. 31 and F.F. 8. August 1935.

NORWOOD Second Order Bench Marks (Continued)

T.B.M. Neponset River #28 62.52 feet
About 1 $\frac{3}{4}$ miles south of Norwood Center, in the yard of Bird & Son, Inc. A chiseled square, on the southeast corner of concrete curb, on the east side of drive at north end of bridge and south of buildings F.F. 7 and F.F. 10. August 1935.

T.B.M. Neponset River #29 61.87 feet
About 1 $\frac{3}{4}$ miles south of Norwood Center, in the yard of Bird & Son, Inc., on the bridge carrying the main drive of the factory, at the northeast corner of wing wall, at the south end of the west side of bridge. A chiseled square. August 1935.

T.B.M. Neponset River #30 77.41 feet
About 2 miles south of Norwood Center, on Water Street. A chiseled square, on the northwest corner of pilaster at the north end of west abutment of the east bridge over Neponset River. August 1935.

T.B.M. Neponset River #69 65.19 feet
About 2 miles southwest of Norwood Center, on the Washington Street bridge over Hawes Brook. A chiseled square, at about the center of the southeast span of bridge. October 1935.

T.B.M. Neponset River #70 77.42 feet
About 2 miles southwest of Norwood Center, on the bridge carrying the N.Y., N.H. & H. R.R. (Midland Division) over Hawes Brook. A chiseled square, on the west end of west curved wing wall of northwest end of bridge. October 1935.

T.B.M. Neponset River #71 88.24 feet
About 2 miles southwest of Norwood Center, on drive leading from Walpole Street to plant of Winslow Bros. & Smith Company, over canal to reservoir. A chiseled square, on stone, on west end of bridge. October 1935.

T.B.M. Neponset River #72 90.22 feet
About 2 miles southwest of Norwood Center, on the northeast end of southeast abutment of dam on Hawes Brook diverting water to Winslow Bros. & Smith Company's reservoir. A chiseled square. October 1935.

T.B.M. Neponset River #73 99.67 feet
About 1 $\frac{1}{4}$ miles southwest of Norwood Center, on bridge carrying Walpole Street (Route #1A) over Hawes Brook. A chiseled square, on a large stone in wall, on northwest side of bridge, over center of arch. October 1935.

T.B.M. Neponset River #74 109.73 feet
About 2 miles southwest of Norwood Center, at the south end of Ellis Pond. A chiseled square, on the southeast end of northeast abutment of southwest sluiceway from Ellis Pond. October 1935.

NORWOOD Second Order Bench Marks (Continued)

T.B.M. Neponset River #75 141.24 feet
 About 2 miles west of Norwood Center, at the northeast edge of Willett Pond, east of Brooks Street; about 0.5 foot east of Brooks Street bridge over spillway from Willett Pond and 6 feet south of edge of spillway. A chiseled square, on ledge outcrop. October 1935.

C10 138.77 feet
 In the central part of Norwood. A high point, on stone bound on the north corner of intersection of Washington and Nahatan Streets (on Washington Street at back of sidewalk). November 1930.

D10 138.80 feet
 In the central part of Norwood. The southwest corner of bottom concrete step at east entrance to municipal building. November 1930.

R10 76.28 feet
 In the south central part of Norwood. A chiseled square, on the northwest corner of top course of south abutment of N.Y., N.H. & H.R.R. (Wrentham Branch) bridge #0.87 over Morse Street. November 1930.

S10 89.30 feet
 In the south central part of Norwood. A chiseled square, on the southwest corner of east capstone of N.Y., N.H. & H. R.R. (Wrentham Branch) bridge #0.35 over Dean Street. November 1930.

T10 122.58 feet
 In the northern part of Norwood. A chiseled square, on the west end of south bridge seat of N.Y., N.H. & H. R.R. bridge #13.39 over Washington Street. December 1930.

Fisher, 1886-1934 153.68 feet
 In the north central part of Norwood, on the northeast side of Roosevelt Avenue, opposite Adams Street; 175 feet east of hydrant at northwest corner of intersection; 166 feet southeast of the east corner of house, #136; 18.5 feet east of a stone wall parallel with avenue; 11 feet southwest of a "No Dumping" signpost and 143 feet east of the street intersection. A U.S.C. & G.S. and State Survey standard disk, stamped "Fisher, 1886-1934", set in a small outcropping of ledge. May 1935.

NORWOOD U.S. Geological Survey Stream Gaging Station

Neponset River at Norwood

Location--On the north bank of the Neponset River; 75 feet west of the Pleasant Street bridge over the river in the town of Norwood, distant about 1.4 miles southeast of Norwood.

Reference Mark #1 57.43 feet
The southeast corner of granite step at door of sewage station.

Reference Mark #2 53.30 feet
The top of 1/2-inch lag screw, set in a 15-inch maple tree, on the north bank of the river; about 2 feet above normal water level. The tree is about 150 feet east of the N.Y., N.H. & H. R.R. bridge.

Bench Marks at Water Supply Units

68E-29 58.31 feet
About 1 1/2 miles northeast of town hall; 1700 feet south of the intersection of Everett Street and Providence Pike; 490 feet east of the center line of intersection of Ellis Avenue and pike. A monel rivet, set on the north end of doorsill on the west side of pumping station; 52 feet east of the center of a hydrant and 20.6 feet south of the northwest corner of building; about 0.3 foot above the ground. July 1936.

Ref. BM 68E-29A 59.14 feet
A monel rivet, set in concrete foundation, about 1 foot above the ground, on the north side of pumping station; 3.6 feet west of the northeast corner of building; 20.6 feet east of pole #46-26 and 25.4 feet south of the center line of road.

Ref. BM 68E-29B 52.85 feet
A monel rivet, set on floor inside of pumping station; 0.4 foot east of the inside of west wall; 13.9 feet south of BM 68E-29; 9.9 feet west of the southeast corner of stairs and 6 feet below ground level.

68E-30 256.19 feet
About 1 mile west of town hall, in the west central part of the town; 1300 feet northwest of the high school; 225 feet northwest from center line of Bellevue Street; 58.7 feet north of a wooden fence surrounding an abandoned reservoir. A monel rivet, set on top of a concrete manhole foundation, 1.80 feet southeast of face of standpipe and 0.5 foot above ground. July 1936.

Ref. BM 68E-30A 253.09 feet
A monel rivet, set on top of a small boulder, at northeast corner of wooden fence surrounding abandoned reservoir; 1.85 feet east of fence;

NORWOOD Supplementary Data (Continued)

	Elevation
<u>68E-30 BELLEVUE STANDPIPE</u>	
Bottom of standpipe (Dia. 60 ft., Ht. 55 ft.)	257.11
Overflow (Capacity 1,100,000 gals.)	311.90
Open reservoir unused (Capacity 1,400,000 gals.)	
<u>68E-53 ELLIS PUMPING STATION NO. 1 (New)</u>	
Pumping station - upper floor	64.85
middle floor	57.33
lower floor	50.10
Aerator basins (Two - each 18 ft. by 40 ft.)	63.79
Contact bed (15 ft. by 30 ft., D. 7 ft.)	62.37
Contact bed (18 ft. by 30 ft., D. 7 ft.)	62.37
Clear water basin cover (53 ft. square, D. 12.2 ft.)	57.17
Settling basin bottom (30 ft. by 34 ft., Ht. 8 ft.)	44.84
Filters manhole (Two - 56 ft. by 78 ft. D. 11.6 ft.)	61.58
Wells G.L. (132 driven, Dia. 2 1/2 in., D. 25 ft. to 60 ft.)	53.86
Seasonal variations in water level unrecorded	

Connection with Walpole one 8-inch main.

PLAINVILLE

(There are no First Order Bench Marks)

Second Order Bench Marks

MIAB 196.34 feet
In the northeastern part of the town, on the west side of U.S. Route #1; 40 feet from the center line; 400 feet south of Madison Street (Wrentham) on Plainville-Wrentham line and 14.5 feet west of a line signpost. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAB", set in a Massachusetts highway bound. August 1935.

MIAC 237.71 feet
In the northeastern part of the town, on the east side of Washington Street (U.S. Route #1); 40 feet from center line (at Station 119+50.7, Plainville 1931 layout), opposite Shell service station and 300 feet north of Taunton Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAC", set in a Massachusetts highway bound. August 1935.

MIAD 204.92 feet
In the northeastern part of the town, on the east side of Washington Street (U. S. Route #1); 40 feet from the center line (at Station 102+61.2, Plainville 1931 layout), opposite pole #1038 and 1320 feet south of Taunton Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAD", set in a Massachusetts highway bound, 6 inches above ground. August 1935.

MIAE 202.24 feet
In the northeastern part of the town, on the west side of Washington Street (U.S. Route #1), opposite Shepardville Street, at the south end of a large pond (Shepardville Reservoir) and north of pole #1017 at Richfield filling station. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAE", set flush in edge of concrete highway. August 1935.

MIAF 288.97 feet
In the center of the town, on the east side of Washington Street (U. S. Route #1); 1150 feet south of George Street; 1250 feet north of East Bacon Street (Route #106), on the crest of a hill and 42.5 feet south of pole #47. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAF", set flush in the edge of the concrete highway. August 1935.

MIAG 297.72 feet
In the center of the town, on the east side of Washington Street (U.S. Route #1), on line between two Massachusetts highway bounds, on either side of the highway; 500 feet north of East Bacon Street (Route #106) and 19.8 feet north of pole #67. A U.S.C. & G.S. and State Survey standard disk, stamped "MIAG", set flush in the edge of concrete highway. August 1935.

PLAINVILLE Second Order Bench Marks (Continued)

*MLAH feet
 In the southern part of the town, on the east side of Washington Street (U. S. Route #1) (at Station 6 + 00, Plainville 1931 layout); 2500 feet south of East Bacon Street (Route #106); 220 feet north of Bugbee Street; 12.6 feet north of pole #43; 58.9 feet northeast of stone wall and 56.9 feet east of northeast corner of concrete steps on west side of road. A U.S.C. & G.S. and State Survey standard disk, stamped "MLAH", set flush in edge of concrete highway.

MLAJ 282.21 feet
 In the southern part of the town, on the west side of Washington Street (U.S. Route #1); 40 feet from center line; 350 feet south of Bugbee Street; 98 feet north of Everett Street, North Attleborough and on the Plainville-North Attleborough line. A U.S.C. & G.S. and State Survey standard disk, stamped "MLAJ", set in a Massachusetts highway bound. August 1935.

T.B.M. #225 296.40 feet
 In the southern part of the town, at #8 Washington Street (at Station 2+14). The east corner of the second concrete step of house. August 1935.

T.B.M. #226 300.54 feet
 In the center of the town, on the northwest side of Washington Street (U.S. Route #1) (at Station 20+62); 66 feet from the center line. A chiseled square, on the highest part of a boulder, in a field. August 1935.

T.B.M. #227 277.17 feet
 In the center of the town, on the northwest side of Washington Street (U.S. Route #1) (at Station 48+79). The south corner of the lower concrete step. August 1935.

T.B.M. #2091 291.74 feet
 In the center of the town, on the east side of Washington Street (U. S. Route #1); 24.6 feet from center line; 38 feet south from driveway to Bishop's Inn, on the crest of a hill; 1270 feet south of George Street and 1100 feet north of East Bacon Street (Route #106). A chiseled square, on a catch basin curb. August 1935.

T.B.M. #2092 305.32 feet
 In the southern part of the town, on the northwest side of Washington Street (U.S. Route #1) (at Station 5+50, Plainville 1931 layout). The top of northeast corner of second concrete step to side entrance of house, #22. August 1935.

*The elevation of this mark has not been determined.

PLAINVILLE Second Order Bench Marks (Continued)

P.W.D.-H10 206.85 feet
 In the center of the town, on the east side of the N.Y., N.H. & H. R.R. (Wrentham Branch), at the south end of the station. A chiseled square, on south side of stone foundation for basement window grating. December 1930.

P.W.D.-J10 254.77 feet
 In the northern part of the town, on the west side of the N.Y., N.H. & H. R. R. (Wrentham Branch) bridge #14.33 at High Street overpass halfway up bottom course of abutment and 5.5 feet from south corner. A chiseled square. December 1930.

Bench Marks at Water Supply Units

68H-25 313.01 feet
 In the southeastern part of the town, off East Bacon Street (Route #106) in rear of house, #86 on a high hill and 300 feet north of the street. A monel rivet, set in the northeast side of the concrete foundation of the standpipe. July 1936.

Ref. BM 68H-25A 310.99 feet
 A monel rivet, set in a rock outcrop; about 141.8 feet northeast of BM 68H-25 and 143.7 feet east of BM 68H-25B.

Ref. BM 68H-25B 311.72 feet
 A monel rivet, set in a rock outcrop; 97 feet northwest of BM 68H-25.

This standpipe is a part of the North Attleborough water supply system. It serves the town of Plainville. See NORTH ATTLEBOROUGH (Bristol County) for supplementary data.

Supplementary Data

The town of Plainville receives the water supply from North Attleborough through the East Bacon Street standpipe in Plainville.

QUINCY

First Order Bench Marks

6R23 45.536 feet
In Quincy Center, on north end of door threshold of north entrance to Adams' Academy on Adams Street. A chiseled cross. August 1936.

6R25 36.460 feet
In Quincy Center, in west end of doorsill of east entrance to Central Baptist Church, on south side of Washington Street, between Maple and Foster Streets. A chiseled cross. September 1936.

6R26 26.832 feet
In Quincy Center, on east end of lower step at sidewalk, in front of the First Universalist Church, at the corner of Washington and Elm Streets. A monel rivet. September 1936.

6R27 30.935 feet
About 3/4 mile east of Quincy Center, in the west end of the threshold, at the south entrance of Quincy Evening News Building. A chiseled square. September 1936.

6R28 46.566 feet
At Quincy Point, in footing at corner building on south side of Washington Street, about 50 feet east of the center line of Massachusetts Avenue. A monel rivet. September 1936.

6R29 35.067 feet
At Quincy Point, in threshold of central door, on east end of the first building west of Beacon Street, on the south side of Washington Street. A chiseled cross. September 1936.

6R30 30.251 feet
At Quincy Point, in the west end of doorsill of Catholic Church, on north side of Washington Street, midway between Shaw and Pray Streets. A chiseled square. September 1936.

84BG 31.491 feet
In North Quincy, in the north end of the east parapet of a bridge at the intersection of Quincy Shore Drive and Atlantic Street; about 300 feet northeast of Hancock Street; 1300 feet southeast of the center line of the Neponset River where it runs beneath the N.Y., N.H. & H. R. R. (Cape Line) and 2.8 feet northwest of the iron rail of the bridge, on the north side of Quincy Shore Drive. A Mass. Dept. of Public Works standard traverse disk, stamped "84BG-31.491", set in the top of a concrete wing wall. August 1936. Recovered in good condition February 1940.

QUINCY First Order Bench Marks (Continued)

85AS 27.225 feet
In the eastern part of Quincy; 34.4 feet southwest of the center line of Washington Street; 129.5 feet northwest of junction of Washington Street and Washington Court; 82.4 feet northwest of electric light pole B29; 24.9 feet southeast of electric light pole B30 and 24.8 feet southeast of eastern corner of #605 Washington Street. A Mass. Dept. of Public Works standard traverse disk, stamped "85AS-27.225", set in a concrete retaining wall. September 1936. Recovered in good condition February 1940.

85AT 37.916 feet
In the eastern part of Quincy, near junction of Routes #3 and #3A; 25.3 feet northeast of center line of Washington Street; 13 feet southeast of light pole (no number); 19.5 feet south of center of manhole; 75.7 feet south of southwest corner of #2 Abbey Road and 39.3 feet south of center line of Abbey Road. A Mass. Dept. of Public Works standard traverse disk, stamped "85AT-37.916", set in a concrete monument, the top of which is flush with the sidewalk. September 1936. Recovered in good condition February 1940.

85AU 48.851 feet
In the eastern part of Quincy; 41.2 feet northeast of center line of Washington Street; 32 feet northwest of center line of Edison Park; 19.5 feet west of Eastern Massachusetts Street Railway pole on northwest side of Edison Park; 68.7 feet southeast of southeast corner of #356 Washington Street and 69 feet northwest of an iron pole, on southeast side of Edison Park. A Mass. Dept. of Public Works standard traverse disk, stamped "85AU-48.851", set in granite retaining wall at intersection of Washington Street and Edison Park, on northeast side of Washington Street. September 1936. Recovered in good condition February 1940.

85AV 18.400 feet
In the eastern part of Quincy, on the east side of Edison Park, at the point of curve of Edison Park and Southern Artery; 21.4 feet east of center line of Edison Park; 54.4 feet south of center line of Southern Artery; 19 feet southwest of most northerly corner of porch of #85 Edison Park and 37.2 feet northeast of a hydrant, on east side of Edison Park. A 1/2-inch drill hole, in a granite monument, the top of which is flush with the ground. September 1936.

85AW 18.172 feet
In the eastern part of Quincy; 20 feet east of center line of Edison Park; 37 feet south of center line of Southern Artery; 52.8 feet northeast from a hydrant and 41 feet east of pole #81. A Mass. Dept. of Public Works standard traverse disk, stamped "85AW-18.172", set in a concrete monument, the top of which is flush with the ground. September 1936. Recovered in good condition February 1940.

QUINCY First Order Bench Marks (Continued)

M128CK 161.656 feet
 In the extreme southern part of Quincy, on the north side of highway Route #128 (Blue Hill River Road); about 4100 feet west of the intersection with Randolph Avenue (Route #28); 541 feet east of Angle Path; 47.6 feet north of the center of the highway; 10.5 feet south of a 10-inch oak tree and 15.2 feet east of high point on a boulder, directly west of disk. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CK-161.656", set in the top of a boulder. July 1936. Recovered in good condition March 1940.

M128CL 156.634 feet
 In the extreme southern part of Quincy, on the south side of Route #128 (Blue Hill River Road); about 3600 feet west of the intersection with Route #28 (Randolph Avenue); 44.5 feet west of center of a culvert; 46.6 feet south of the center of the highway and 6.5 feet north of 3/4-inch drill hole in large boulder. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CL-156.634", set in the top of a boulder, 2 feet below street. July 1936. Recovered in good condition March 1940.

M128CM 160.796 feet
 In the extreme southern part of Quincy, on the north side of Route #128 (Blue Hill River Road); about 3100 feet west of the intersection of Route #28 (Randolph Avenue); 53 feet west of the west side of Beech Hollow Path; 46.2 feet north of the center of the highway; 7 feet west of a 9-inch oak tree and 36.4 feet east of a 12-inch oak tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CM-160.796", set in a concrete monument, flush with the surface of the ground. July 1936. Recovered in good condition March 1940.

M128CN 144.896 feet
 In the extreme southern part of Quincy, on the south side of Route #128 (Blue Hill River Road), opposite high boulder outcrops; about 1300 feet west of the intersection with Route #28 (Randolph Avenue); 490 feet east of Monatiquot Path; 44 feet south of the center of highway; 12.4 feet northwest of a 7-inch oak tree; 9 feet north of stone retaining wall and 15.8 feet east of a swamp maple tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CN-144.896", set in a concrete monument, flush with the ground. July 1936. Recovered in good condition March 1940.

M128CP 148.718 feet
 In the extreme southern part of Quincy, on the north side of Route #128 (Blue Hill River Road); 700 feet west of the intersection with Route #28 (Randolph Avenue); 41 feet east of the center of a culvert and 27 feet north of the center of the highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CP-148.718", set in top of a high ledge, about 7 feet above the highway. July 1936. Recovered in good condition March 1940.

QUINCY First Order Bench Marks (Continued)

M128CQ 131.778 feet
In the extreme southern part of Quincy, on Route #128 (Blue Hill River Road), at the southeast corner of the intersection with High Street; about 160 feet west of the intersection with Route #28 (Randolph Avenue); 16.3 feet west of a covered culvert extending under Route #128; 32.5 feet south of the center of the highway; 69.8 feet northeast of stone bound marking Quincy-Randolph line; 30 feet north of the intersection of the north wall of Monatiquot Stream and a culvert under High Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CQ-131.778", set in a concrete monument, 2 inches below the ground. July 1936. Recovered in good condition March 1940.

M128CS 135.739 feet
In the extreme southern part of Quincy, on the north side of Route #128 (Blue Hill River Road); 879 feet east of the intersection with Route #28 (Randolph Avenue); 25 feet north of the center of the highway; 320 feet west of a guard rail fence on a curve; 4.2 feet southeast of a 12-inch oak tree and 16.5 feet west of a 10-inch oak tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CS-135.739", set in a concrete monument, 1 foot below highway level and 4 inches above grade. July 1936. Recovered in good condition March 1940.

M128CT 130.079 feet
In the extreme southern part of Quincy, on the north side of Route #128 (Blue Hill River Road); 1610 feet east of intersection with Route #28 (Randolph Avenue); 29 feet north of the center of the highway; 50.6 feet west of west end of culvert and 200 feet west of a gravel road turnout. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CT-130.079", set in a ledge, 2 feet above the highway level. July 1936. Recovered in good condition March 1940.

M128CU 141.105 feet
In the extreme southern part of Quincy, on the south side of Route #128 (Blue Hill River Road); 2693 feet east of the intersection with Route #28 (Randolph Avenue); 22.5 feet south of the center of the highway; 200 feet east of and across highway from a bridal path and 97.6 feet west of center of a culvert under another bridal path, on the south side of the highway. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CU-141.105", set in the base of a ledge. July 1936. Recovered in good condition March 1940.

M128CV 129.438 feet
In the extreme southern part of Quincy, on the south side of Route #128 (Blue Hill River Road); 3359 feet east of the intersection with Route #28 (Randolph Avenue); 29.6 feet south of the center line of the highway; 138 feet east of east end of culvert on north side of road and 8.1 feet northeast of an 8-inch pine tree. A U.S.C. & G.S.

QUINCY First Order Bench Marks (Continued)

and State Survey standard disk, stamped "M128CV-129.438", set in a concrete monument, 6 inches below the highway level and 2 inches above grade. July 1936. Recovered in good condition March 1940.

M128CW

127.556 feet

In the extreme southern part of Quincy, on the north side of Route #128 (Blue Hill River Road); about 4300 feet east of the intersection with Route #28 (Randolph Avenue); 23.4 feet north of the center of highway; 29.8 feet southerly from an 8-inch birch tree and 12.6 feet west of a 12-inch maple tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CW-127.556", set in a concrete monument, the top of which is 6 inches above the ground. July 1936. Recovered in good condition March 1940.

M128CX

141.177 feet

In the extreme southern part of Quincy, on the south side of Route #128 (Blue Hill River Road), near the Braintree line; about 5030 feet east of Route #28 (Randolph Avenue); 76.5 feet southwest of a chiseled "X" on extreme southwest point on an 8-foot boulder, on the north side of road; 36.1 feet north of a spike on the west side of 14-inch oak tree, on the south side of road; 23.8 feet south of the center line of highway; 75 feet west of a dirt road leading southwest and 84.4 feet southwest of west pole of guard rail of first culvert west of Braintree bridal path. A U.S.C. & G.S. and State Survey standard disk, stamped "M128CX-141.177", set in a ledge, two feet in diameter, 4 inches below highway level and flush with the ground. July 1936. Recovered in good condition March 1940.

M128CQB

165.808 feet

In the extreme southern part of Quincy, on Randolph Avenue (Route #28; about 450 feet north of Route #128 (Blue Hill River Road) and about 33.8 feet west of the center of roadway. (Abreast of Station 5 + 93). A U.S.C. & G.S. and State Survey standard disk, stamped "M128CQB-165.808", set in a concrete Massachusetts highway bound, about 9 feet above highway and 1 foot above surface of ground. July 1936. Recovered in good condition March 1940.

T.B.M. #191

26.642 feet

On southwest side of Wollaston station, N.Y., N.H. & H. R.R. (Boston Division). A chisel cut, in east corner of granite threshold of most northwesterly entrance of station. August 1936.

T.B.M. #192

14.625 feet

On east side of Norfolk Downs station, N.Y., N.H. & H. R.R. (Boston Division). A chisel cut, in northeast corner of lower granite step entrance to waiting room of station. August 1936.

L13

38.296 feet

In Quincy Center, in top of the west stop abutment at main entrance to U.S. Post Office, on south side of Washington Street; 17 feet west

QUINCY First Order Bench Marks (Continued)

from center line of central entrance; 2.5 feet north from front wall of post office; 15 feet south from edge of south curb and 4 feet above sidewalk level. A U.S.C. & G.S. standard bench mark disk, stamped "L13-Mass. G.S.-1936". September 1936. Recovered in good condition February 1940.

M13 32.949 feet
In Quincy Center, in the northeast end of front entrance of Granite Trust Company, at the northeast corner of the northeast column support; 20 feet northeast of the center line of main entrance; 15 feet southeast of curb in front of Trust Company and flush with the sidewalk. A U.S.C. & G.S. standard bench mark disk, stamped "M13-Mass. G.S.-1936". September 1936. Recovered in good condition February 1940.

R16 42.757 feet
At Quincy station, N.Y., N.H. & H. R.R. (Boston Division). A chisel cut in northeast corner of granite threshold of most northerly entrance on west side of station. August 1936.

S16 12.183 feet
At Atlantic (in-bound) station, N.Y., N.H. & H. R.R. (Boston Division). A chisel cut on northeast corner of granite threshold of most southerly entrance on west side of station. August 1936.

H19 38.374 feet
In Quincy Square. The northwest corner of the lowest granite step of the main entrance to the First Parish Church (Unitarian). August 1936.

Fore River #2 20.813 feet
On the Quincy end of the Fore River bridge, in the south sidewalk; 12 feet southeast of the northwest end of the bridge rail pier. A Mass. Dept. of Public Works standard bench mark disk, stamped "FR#2-20.813", set in a concrete post, flush with sidewalk level. September 1936. Recovered in good condition February 1940.

Second Order Bench Marks

6A12 60.16 feet
At the West Quincy station of the N.Y., N.H. & H. R.R.; about 220 feet southeast of the center of Willard Street; 50.5 feet northeast of the north corner of freight house; 45.5 feet west of a derrick mast; 25.5 feet northwest of a telegraph pole and 22.3 feet north of the north rail of the Boston bound track. A U.S.C. & G.S. and State Survey standard disk, stamped "6A12", set in a concrete monument flush with the ground. March 1937.

QUINCY Second Order Bench Marks (Continued)

6A13 62.83 feet
About 0.3 mile south of West Quincy station, on the N.Y., N.H. & H. R.R.; 306 feet southeast of Cross Street railroad crossing; 366 feet northwest of bridge over Furnace Brook Parkway; 8 feet northeast of northeast rail and 17.9 feet northwest of telephone pole. A U.S.C. & G.S. and State Survey standard disk, stamped "6A13", set in a concrete monument flush with the ground. March 1937.

6R1 18.77 feet
At Quincy Point, between property of Mary A. Bailey; 567 feet south of the Bethlehem Ship Building Company. A chiseled square, on the southwest corner of stone bound, on the east side of South Street. 1938.

6R2 24.20 feet
At Quincy Neck, at the Administration Building of the Bethlehem Ship Building Corporation, Fore River Plant. The northeast corner of the lower step at sidewalk. No mark. 1938.

6R3 18.88 feet
At Quincy Neck, on east side line of East Howard Street; about 375 feet north of Quincy Avenue. A monel rivet, set in retaining wall near a hydrant. 1938.

6R4 11.33 feet
About 1 mile north of East Braintree, on the Quincy-Braintree town line. A chiseled square, in the northeast corner of the stone bound, at the intersection of Fore River Railroad and Howard Street. 1938.

6R14 33.67 feet
In South Quincy, on the north side of the N.Y., N.H. & H. R.R. (West Quincy Branch); about 1665 feet northwest of Capen's Bridge (Washington Street). A monel rivet, set on the north end of culvert. December 1938.

6R15 43.49 feet
In South Quincy, on the southwest side of the N.Y., N.H. & H. R.R. (West Quincy Branch); about 125 feet southeast of the center line of Liberty Street. A monel rivet, set on the northeast corner of a culvert. December 1938.

6R16 66.28 feet
In South Quincy, on the east side of the N.Y., N.H. & H. R.R. (West Quincy Branch); about 940 feet north of Vernon Street (extended). A monel rivet, set in the southeast corner of concrete switch control base. December 1938.

6R18 54.80 feet
In West Quincy. A chiseled square, on the second step at the south end of the north entrance of Willard School. December 1938.

QUINCY Second Order Bench Marks (Continued)

6R19 37.82 feet
In West Quincy. The north bolt in fence flange at the northeast corner of culvert on Quarry Street extension over Furnace Street. December 1938.

6R20 31.37 feet
About 1 mile northwest of Quincy Center, at the southeast corner of culvert on Furnace Brook Parkway, about 200 feet west of center line of Willow Avenue. The south nut on flange of fence. December 1938.

6R21 18.40 feet
About 3/4 mile northwest of Quincy Center, on east side of Furnace Brook Parkway; about 125 feet east of Anderson Avenue. A monel rivet, set on the center line of culvert. December 1938.

6R22 23.80 feet
About 3/4 mile northwest of Quincy Center, on east side line of Hancock Street; about 30 feet south of Quincy Shore reservation. A monel rivet, set on shell of granite block (below sidewalk level) in retaining wall. March 1937.

6R24 42.69 feet
In Quincy Center, at the northeast corner of granite threshold at most northerly entrance on track side of Quincy station. No mark. March 1937.

84BH 11.73 feet
In Quincy, at the northeast corner of the intersection of East Squantum Street and Quincy Shore Drive near the Dennison Airport; 71.4 feet east of the center line of East Squantum Street; 70.7 feet east of telephone pole #55, which is located at the northwest corner of the two above-named streets; 26.1 feet northwest of a Massachusetts Bay Colony Tercentenary Commission historical descriptive sign which is located at the northeast corner of the intersection of the same streets and 91 feet northwest of a catch basin at the same corner. A Mass. Dept. of Public Works standard traverse disk, stamped "84BH" set in outcropping ledge, about 6 feet by 3 feet level with the surface. March 1937.

84BJ 10.48 feet
In Quincy, at the southwest corner of the intersection of Ocean Street and Quincy Shore Drive; about 1000 feet south of the Dennison Airport; 10.2 feet northwest of telephone pole #026, on the same corner; 6.5 feet south of curb on the south side of Ocean Street; 12.9 feet southeast of the back edge of a catch basin on the south side of Ocean Street and 28.4 feet east of hydrant at the same corner. A Mass. Dept. of Public Works standard traverse disk, stamped "84BJ", set in a concrete monument, 2 inches below the surface. March 1937.

QUINCY Second Order Bench Marks (Continued)

84BK 12.55 feet
 In Quincy, at the southeast corner of the intersection of Quincy Shore Drive and Beach Street; 50.7 feet north of the northwest corner of the house, #303 Quincy Shore Drive; 36.9 feet east of telephone pole #2, on the west side of Beach Street; 14.7 feet west of telephone pole #039, on the south side of Quincy Shore Drive and east of Beach Street and 54.1 feet northwest of a 3-inch elm tree in front of house, #303. A Mass. Dept. of Public Works standard traverse disk, stamped "84BK", set in a concrete monument flush with the surface of the sidewalk. March 1937.

85AX 16.96 feet
 In the southeast part of Quincy, on the southwest side of the Southern Artery (Route #3A); 29 feet south of the center line of the Artery; 67.5 feet north of the center line of Brackett Street; 18.3 feet east of east corner of a deserted dwelling; 82.6 feet north of pole #13; 98.7 feet north of hydrant both on south side of Brackett Street; 99.5 feet northwest of pole just east of hydrant. A Mass. Dept. of Public Works standard traverse disk, stamped "85AX", set in a concrete monument, the top of which is flush with the surface of the ground. March 1937.

85AY 7.59 feet
 In the central part of Quincy, on the southeast side of Coddington Street; 76.7 feet south of pole #21; 55.8 feet east of pole #20; 28.2 feet northeast of pole #M-792; 4.2 feet northeast of a 4-inch maple tree; 32.3 feet south of traffic warning sign, both on south side of street and 25 feet south of center line. A Mass. Dept. of Public Works standard traverse disk, stamped "85AY", set in a concrete monument, the top of which is flush with the surface of the ground. March 1937.

85AZ 32.27 feet
 In the central part of Quincy, in a traffic island at the junction of Sea Street and Quincy Shore Drive; 2.8 feet east of western curb of island; 46.7 feet west of eastern corner of island; 45.6 feet north of traffic signal set in southern part of island; 24 feet south of center line of northerly fork of Quincy Shore Boulevard and 26.6 feet east of center line of southerly fork of Quincy Shore Drive. A Mass. Dept. of Public Works standard traverse disk, stamped "85AZ", set in a concrete monument, the top of which is 2 inches above the surface of the ground. March 1937.

85BB 51.36 feet
 In the eastern part of Quincy, on west side of Quincy Shore Drive; 134 feet south of center line of Samoset Avenue; 30 feet west of center line of Quincy Shore Drive; 91.7 feet south of hydrant in front of #1367 Quincy Shore Drive; 50.9 feet northwest of a concrete light pole, on west side of Quincy Shore Drive and 13.8 feet south of center

QUINCY Second Order Bench Marks (Continued)

of concrete drive adjoining #1373 Quincy Shore Drive. A Mass. Dept. of Public Works standard traverse disk, stamped "85BB", set in a concrete monument, the top of which is flush with the ground. March 1937.

85CA 9.04 feet
In the eastern part of Quincy, on the north side of the Southern Artery, on the west side of Furnace Brook Parkway; 116 feet northeast of the center line of the Southern Artery; 137 feet northwest of a hydrant set in the grass plot, at the junction of Furnace Brook Parkway and the Southern Artery; 87 feet southwest of pole #073 and 80.9 feet east from the northwest abutment of the bridge, over Furnace Brook at the Southern Artery. A Mass. Dept. of Public Works standard traverse disk, stamped "85CA", set in a concrete monument, the top of which is flush with the ground. March 1937.

85CB 8.63 feet
In the eastern part of Quincy, on the west side of Putnam Street; 300 feet south of the center line of Furnace Brook Parkway; 17 feet west of the center line of Putnam Street; 47.6 feet north of the center line of Armory Street; 20.2 feet northeast from the southeast corner of house, #26 Armory Street; 46.7 feet southeast of the northeast corner of house, #26 Armory Street; 38 feet northwest from pole #4 and 80.8 feet southwest from pole #3. A Mass. Dept. of Public Works standard traverse disk, stamped "85CB", set in a concrete monument, the top of which is flush with the ground. March 1937.

85CC 23.46 feet
In the central part of Quincy, on the south side of Furnace Brook Parkway; 96.5 feet east of the center line of Hancock Street; 15 feet south of the center line of Furnace Brook Parkway; 40.5 feet southeast of pole #082; 67.1 feet northeast from the northwest corner of the Quincy Armory and 166.4 feet northwest from the northeast corner of the Quincy Armory. A Mass. Dept. of Public Works standard traverse disk, stamped "85CC", set in a concrete monument, the top of which is flush with the ground. March 1937.

85CD 13.29 feet
In the central part of Quincy, on the south side of Furnace Brook Parkway; 460.3 feet southwest of the center line of Hancock Street; 21.2 feet southeast of the Furnace Brook Parkway; 79 feet southwest of pole #4; 72.4 feet southeast of pole #5; 93 feet southeast of the southeast corner of house, #429 Furnace Brook Parkway and 97 feet southeast of the southwest corner of house, #429 Furnace Brook Parkway. A Mass. Dept. of Public Works standard traverse disk, stamped "85CD", set in a concrete monument, the top of which is flush with the ground. March 1937.

QUINCY Second Order Bench Marks (Continued)

85CE 17.03 feet
 In the central part of Quincy, on the southeast side of Furnace Brook Parkway; 350.6 feet southwest of the center line of Newport Avenue; 21 feet southeast of the center line of Furnace Brook Parkway; 69.2 feet south of a concrete light pole; 198.6 feet east of another concrete light pole and 15.2 feet north of riprap wall on Furnace Brook. A Mass. Dept. of Public Works standard traverse disk, stamped "85CE", set in a concrete monument, the top of which is 3 inches below the top of the ground. March 1937.

85CF 18.04 feet
 In the central part of Quincy, on the north side of Furnace Brook Parkway; 29.3 feet southwest of the center line of Oakland Avenue; 28.9 feet southwest of a manhole, set in the street on Oakland Avenue; 37.4 feet southeast from the southeast corner of #515 Furnace Brook Parkway; 45.5 feet east of the southwest corner of #515 Furnace Brook Parkway and 20.6 feet northwest of the center line of Furnace Brook Parkway. A Mass. Dept. of Public Works standard disk, stamped "85CF", set in a concrete monument, the top of which is flush with the ground. March 1937.

85CG 31.71 feet
 In the western part of Quincy, on the northwest side of Furnace Brook Parkway; 1078 feet northeast of the center line of Adams Street; 109.3 feet north of a light pole, which is on the southeast side of Furnace Brook Parkway; 20.4 feet northwest of the center line of Furnace Brook Parkway; 197.4 feet west of a light pole on the southeast side of Furnace Brook Parkway and 151.5 feet southwest of a catch basin, on the northwest side of Furnace Brook Parkway. A Mass. Dept. of Public Works standard traverse disk, stamped "85CG", set in a concrete monument flush with the ground. December 1938.

85CH 35.36 feet
 In the western part of Quincy, on the southeast side of Furnace Brook Parkway; 34.3 feet southeast of the center line of Furnace Brook Parkway; 88.2 feet northeast of the center line of Adams Street; 53.7 feet northwest from the northwest corner of house, #880 Furnace Brook Parkway; 68.6 feet northwest from the southwest corner of house, #880 Furnace Brook Parkway and 36.4 feet southwest of a manhole, in the sidewalk, on the southeast side of Furnace Brook Parkway. A Mass. Dept. of Public Works standard traverse disk, stamped "85CH", set in a concrete monument, the top of which is flush with the ground. December 1938.

85CJ 97.40 feet
 In the western part of Quincy, on the west side of Common Street; 202 feet northwest of the center line of Quarry Street; 9.2 feet north of a driveway at #69 Common Street; 20.3 feet west of the center line

QUINCY Second Order Bench Marks (Continued)

of Common Street; 30.2 feet southeast of the southeast corner of house, #69 Common Street and 46.4 feet southeast of the northeast corner of same house. A Mass. Dept. of Public Works standard traverse disk, stamped "85CJ", set in a concrete monument, the top of which is flush with the sidewalk. March 1937.

85CK

77.08 feet

In the western part of Quincy, on the east side of Common Street; 23.5 feet east of the center line of Common Street; 24.1 feet east of a manhole on Common Street; 17.5 feet southeast of a hydrant, on east side of Common Street; 38.8 feet southwest of southwest corner and 48.7 feet southwest of southeast corner of house, #160 Common Street and 14.3 feet northeast of a catch basin on east side of Common Street. A Mass. Dept. of Public Works standard traverse disk, stamped "85CK", set in a stone retaining wall, about 4 1/2 feet above sidewalk and opposite the intersection of Cross, Reardon and Common Streets. March 1937.

85CL

51.31 feet

In the western part of Quincy, on the northwest side of Cross Street and west side of Copeland Street; 29.9 feet west of center line of Copeland Street; 18.1 feet north of center line of Cross Street; 27 feet west of a manhole at intersection of center lines of Cross and Copeland Streets; 37.9 feet northwest of most northerly corner of #268 Copeland Street and 45.8 feet north of most westerly corner of said building. A Mass. Dept. of Public Works standard traverse disk, stamped "85CL", set in a granite block of a foundation, the top of which is one inch below the ground. The granite block in which disk is set was originally a corner post of an old house foundation and is about 4 feet deep in the ground. March 1937.

85DA

16.17 feet

In the northern part of Quincy, in section known as Atlantic, on northeast side of Hancock Street and southwest side of Old Colony Parkway at Quincy Shore Drive; 42.4 feet northeast of center line of Hancock Street; 26.9 feet southwest of center line of Old Colony Parkway; 7 feet southwest of a catch basin on southwest side of Old Colony Parkway; 44.6 feet southwest of a catch basin on northeast side of Old Colony Parkway; 73.8 feet north of pole #5092; 17.8 feet east of pole #J-5091 and 120 feet northwest of center line of Quincy Shore Drive. A Mass. Dept. of Public Works standard traverse disk, stamped "85DA", set in a concrete monument, the top of which is 4 inches above the ground. March 1937.

85DB

26.65 feet

In northern part of Quincy, in section known as Atlantic, on the southwest side of Hancock Street and adjacent to Hancock Street bridge over railroad, which is 500 feet south of Atlantic railroad station; 30.6 feet southwest of center truss of Bridge; 13 feet west

QUINCY Second Order Bench Marks (Continued)

of pole #5013; 116 feet south of center line of Spruce Street and 101.5 feet south of pole #5049. A Mass. Dept. of Public Works standard traverse disk, stamped "85DB", set in a retaining wall, the top of which is flush with sidewalk. March 1937.

85DC 8.68 feet
In the northern part of Quincy, in section known as Atlantic, on west side of N.Y., N.H. & H. R.R. tracks (Old Colony Division); 730 feet south of Hancock Street bridge; 9.2 feet west of most westerly rail; 9.6 feet east of wire fence bordering marsh; 15.8 feet north and 86 feet south of two telegraph poles (no number) and 251 feet south of a railroad signal, on west side of tracks. This station is on a produced tangent of most easterly rail looking south. A Mass. Dept. of Public Works standard traverse disk, stamped "85DC", set in a concrete monument, the top of which is flush with the ground. March 1937.

85DD 15.20 feet
In the northern part of Quincy, between the N.Y., N.H. & H. R.R. and Newport Avenue; 1250 feet south of the Norfolk Downs station; 41.2 feet east of the center line of Newport Avenue; 65.2 feet northeast of pole #68; 22 feet northwest from railroad signal light O-63 and 7 feet west of the west rail of the south bound track. A Mass. Dept. of Public Works standard traverse disk, stamped "85DD", set in a concrete monument, the top of which is flush with the ground. March 1937.

85DE 29.01 feet
In the central part of Quincy, on the northeast side of the N.Y., N.H. & H. R.R. (Old Colony Division); 14.5 feet northeast of center line of railroad right-of-way; 7.3 feet northeast of northeast rail; 32.3 feet northeast of easterly corner of base signal tower; 71.1 feet southeast of northeast abutment on northeast side of railroad and 147 feet southeast of center line of bridge over Furnace Brook Parkway. A Mass. Dept. of Public Works standard traverse disk, stamped "85DE", set in a concrete monument, the top of which is flush with the ground. March 1937.

85DF 40.04 feet
In the central part of Quincy, on east side of N.Y., N.H. & H. R.R. (Old Colony Division); 4.5 feet east of east rail of spur track; 49.5 feet northwest of southeast corner and 51.8 feet southwest of northwest corner of Miller's gas station; 26.5 feet southeast of north end of iron fence between inbound and outbound tracks; 13.5 feet northeast of switch for spur; 7 feet northeast of toe of switch of most easterly rail of spur; 394.5 feet south of center line of bridge at Dimmock Street. A Mass. Dept. of Public Works standard traverse disk, stamped "85DF", set in a concrete monument, the top of which is 3 inches above the surface of the ground. March 1937.

QUINCY Second Order Bench Marks (Continued)85DG

38.62 feet

In the central part of Quincy, on the N.Y., N.H. & H. R.R. (Old Colony Division); 8.2 feet east of the most easterly rail; 359 feet north of center line of Granite Street railroad bridge; 31.8 feet south of southwest corner of a railroad tool shed, on east side of tracks; 67.2 feet south of a granite post, said post being the southwest corner of the Hancock Cemetery and 28.5 feet west of a wire fence bordering parking space adjacent to cemetery. A Mass. Dept. of Public Works standard traverse disk, stamped "85DG", set in a concrete monument, the top of which is 2 inches below the surface of the ground. March 1937.

85DH

28.42 feet

In the southern part of Quincy, on the west side of main line track of N.Y., N.H. & H. R.R. (Old Colony Division) and between two spur tracks leading to Grossman's Inc.; 541 feet north of center of School Street overpass; 95.3 feet northwest of most westerly corner of concrete culvert and link fence on east side of tracks; 110.7 feet northeast of telephone pole #30; 49.6 feet northeast of a switch; 75.5 feet east of most southeasterly corner of a metal covered warehouse; 28.8 feet south of a switch and 66.2 feet south of a concrete signal post, marked "R". A Mass. Dept. of Public Works standard traverse disk, stamped "85DH", set in a concrete monument, the top of which is one inch above the surface of the ground. March 1937.

85DJ

51.72 feet

About 1/2 mile south of Quincy; 154 feet west of intersection of center line of Water Street overpass and Federal Avenue; 31.5 feet south of center line of bridge; 5.7 feet east of most southwesterly corner of top step; 4.7 feet northwest of most southeasterly corner of top step; 6.7 feet west of concrete fence and guard rail; 21.3 feet southwest of iron light on pole on south side of bridge; 10.5 feet southwest of end of bridge truss. A Mass. Dept. of Public Works standard traverse disk, stamped "85DJ", set flush with top step and walk on Water Street overpass. March 1937.

85DK

57.46 feet

About 1 mile south of Quincy, on the west side of N.Y., N.H. & H. R.R. (Old Colony Division); 1170 feet northwest of center line of railroad bridge at Center Street; 28 feet west of westerly rail of railroad; 54.5 feet west of wooden retaining wall and 167.3 feet northwest of semaphore signal O-9.4. A Mass. Dept. of Public Works standard traverse disk, stamped "85DK", set in a boulder in ledge outcrop, the top of which is flush with the ground. March 1937.

QUINCY Second Order Bench Marks (Continued)

85DL 54.88 feet
 About 1 1/4 miles south of Quincy, on west side of N.Y., N.H. & H. R.R. (Old Colony Division); 243 feet north of center line of Center Street underpass at railroad; 74.5 feet north of a railroad signal; 47 feet northeast of a telephone pole (no number), on east side of Center Street; 107 feet east of a Quincy-Braintree town bound and 6.5 feet west of most westerly rail. A Mass. Dept. of Public Works standard traverse disk, stamped "85DL", set in a concrete monument, the top of which is two inches above the surface of the ground. March 1937.

85EA 33.59 feet
 In the central part of Quincy, near court house, on the southeast side of Coddington Street; 46 feet south of the center line of the street; 181.5 feet east from the center line of Washington Street; 177 feet west from the center line of Spear Street; 39.4 feet east of an iron pole, on the south side of Coddington Street; 9.9 feet south of the edge of curbing; 46.5 feet west of an iron pole in sidewalk; 54.4 feet west of a 20-inch elm tree; 100.4 feet north of a flag pole in front of the Thomas Crane Public Library and 11.5 feet east of a 20-inch elm tree. A Mass. Dept. of Public Works standard traverse disk, stamped "85EA", set in a concrete monument, the top of which is flush with the surface of the ground. March 1937.

85EB 35.18 feet
 In the western part of Quincy, on the south side of Water Street; 27.4 feet south of the center line of Water Street; 11.5 feet south of the curb, on the south side of Water Street; 35.7 feet northeast of the east corner of store occupied by J.J. Gallagher; 17.2 feet west of a pole #31, on the south side of Water Street and 240 feet northwest of the center line of Liberty Street. A Mass. Dept. of Public Works standard traverse disk, stamped "85EB", set in a concrete monument, the top of which is flush with the ground. March 1937.

85EC 29.76 feet
 In the western part of Quincy, in section known as Brewer's Corner, on north side of Water Street; 17.5 feet north of center line of Water Street; 147.2 feet east of intersection of center lines of Water and Granite Streets; 81 feet southeast of southwest corner of building, #403 Water Street; 13.7 feet south of southeast corner of same building; 50.9 feet southwest of northwest corner of #397 Water Street and 28.4 feet west of southwest corner of #397. A Mass. Dept. of Public Works standard traverse disk, stamped "85EC", set in a concrete monument, one inch below the surface of the sidewalk. March 1937.

85ED 48.73 feet
 In the western part of Quincy, on the south side of Copeland Street;

QUINCY Second Order Bench Marks (Continued)

26 feet south of the center line of Copeland Street; 85.4 feet northwest of center line of West Street; 72.9 feet southeast of southwest corner and 66 feet southeast of southeast corner respectively, of house, #133 Copeland Street; 145 feet west of intersection of center lines of Copeland and West Streets; 160.5 feet northeast of southeast corner and 149 feet northeast of northeast corner respectively, of a cable house. A Mass. Dept. of Public Works standard traverse disk, stamped "85ED", set in a concrete monument, the top of which is flush with the ground. March 1937.

T.B.M. #190 35.52 feet
In South Quincy, in northeast corner of northeast cornerstone of Quincy Adams station of N.Y., N.H. & H. R.R. (Boston Division). A chisel cut. 1930.

T.B.M. #4016 18.83 feet
About 1.4 miles northeast of Quincy Center, on the north side of Sea Street; 3.9 feet west of the southwest corner of a store, at #558 Sea Street; 22.3 feet north of the center line of the traveled way of Sea Street; 106.4 feet southeast of the center line of Oneida Street and 69.5 feet west of the center line of Noanet Street. A chisel cut, forming a square, on the northwest corner of a granite bound, the top of which is 2 inches above the ground. November 1936.

T.B.M. #4017 26.14 feet
On Hough's Neck, on the west side of Manet Avenue; 28.5 feet northeast of southeast corner of Hough's Neck fire station; 57 feet north of center line of Sea Street and 26 feet west of center line of Manet Avenue. A chisel cut, on top of the northeast corner of a concrete walk leading into Hough's Neck fire station, the top of which is flush with the ground on the north side and about 4 inches above gravel walk on the east side. November 1936.

Victory, 1936 51.70 feet
In the Atlantic section of Quincy, in the highest point of land, on top of a ledge in Gardiner's Field; about 3000 feet northeast of Hancock Street; 900 feet northwest of Quincy Shore Drive; 400 feet northwest of Bay State Road; 160 feet northwest of a cart path that runs northeast and southwest through the field; 422 feet southwest of a cart path, which is an extension of Bay State Road; 134.5 feet southerly from the highest northerly point of the ledge; 19.5 feet east of the highest westerly point; 350 feet southeast of railroad tracks leading to Naval Air Station and 17.8 feet north of a razed brick pillar. A Mass. Dept. of Public Works standard triangulation disk, set flush with top of ledge. March 1937.

Drive, 1934 26.72 feet
In Wollaston section of Quincy, on the south side of Quincy Shore Drive, on an embankment known as Rufe's Hummock; about 260 feet east

QUINCY Second Order Bench Marks (Continued)

of Rice Street; 45 feet south of south curb of Quincy Shore Drive and 96 feet southeast of pole #053, on south side of Quincy Shore Drive. A U.S.C. & G.S. standard disk, set in a concrete monument, about 4 inches above the surface, 10 feet above roadway. March 1937.

MP6

9.81 feet

In the northern part of Quincy, on the N.Y., N.H. & H. R.R. (Granite Branch) at Montclair depot; 180 feet northwest of the northwest corner of depot and 7 feet north of the north rail. A chiseled square, in the top of milepost #6. August 1936.

Tidal Bench Marks

Nut Island, Quincy Bay

TIDAL BENCH MARK #1 (City of Boston) (U.S.C. & G.S.) 24.61 feet
A drill hole, in the center of top of a stone bound, on the westerly side of Nut Island, approximately in line with the south wall and about 135 feet westerly from southwesterly corner of the pumping station. Elevation: 29.42 feet above Boston low water datum; 24.75 feet above half tide level; 20.15 feet above mean high water.

TIDAL BENCH MARK #2 (1916) (U.S.C. & G.S.) 27.18 feet
A U.S.C. & G.S. standard tidal bench mark disk, set in the northeast corner of granite foundation of Metropolitan Sewer pumping station, 1.3 feet above the ground. Elevation: 31.98 feet above Boston low water datum; 27.31 feet above half tide level; 22.71 feet above mean high water.

TIDAL BENCH MARK #3 (1916) (U.S.C. & G.S.) 18.92 feet
A 1/2-inch brass bolt, set vertically in top of granite block of retaining wall, 2 feet in from face of wall and flush with ground; about 12 feet north of the northerly side of shore end of coal pier. Elevation: 23.75 feet above Boston low water datum; 19.08 feet above half tide level; 14.48 feet above mean high water.

TIDAL BENCH MARK #4 (1926) (U.S.C. & G.S.) 22.08 feet
A U.S.C. & G.S. standard tidal bench mark disk, stamped "4/1926", set on the concrete coping of a sewer manhole; 236 feet southeast of Tidal Bench Mark #2 (1916) and 77.6 feet northwest of Tidal Bench Mark #3 (1916). Elevation: 26.90 feet above Boston low water datum; 22.23 feet above half tide level; 17.63 feet above mean high water.

TIDAL BENCH MARK #5 (1926) (U.S.C. & G.S.) 14.41 feet
A U.S.C. & G.S. standard tidal bench mark disk, stamped "5/1926", set on top of granite block in the upper sea wall, 2 feet in from face of wall and flush with the ground; 83.3 feet southwesterly of the

QUINCY Second Order Tidal Bench Marks (Continued)

southerly corner of a boathouse; 53.6 feet southeast of center line of Nut Island, about over intersection point with lower sea wall. Elevation: 19.24 feet above Boston low water datum; 14.57 feet above half tide level; 9.97 feet above mean high water.

Elevations are based on 89 high waters and 88 low waters, June 9 - July 27, 1926, reduced to mean values. Mean sea level elevations determined by second order spirit leveling of Massachusetts Geodetic Survey in November 1936.

The city of Quincy is within the Metropolitan Water District and receives its water supply therefrom under the direction of the Metropolitan District Commission Water Division. The daily average consumption, as reported for the year 1936, was 5,306,200 gallons.

RANDOLPH

First Order Bench Marks

57E 227.042 feet
 In the northern part of the town, on the west side of North Main Street (Route #28) (at Station 30+24); 9 feet west of edge of concrete; 70.7 feet west of hydrant; 63 feet southwest of pole #77-142; 22.8 feet north of a Massachusetts highway bound and 135 feet northwest of center of Hill Street. A U.S.C. & G.S. and State Survey standard disk, stamped "57E-227.042", set in a concrete monument, 6 inches below the ground. July 1936. Recovered in good condition February 1940.

57F 169.375 feet
 In the north central part of the town, on the west side of North Main Street (Route #28) (at Station 90+98); 15.2 feet west of edge of concrete road slab; 12.4 feet southwest of center line of mouth of catch basin; 6.4 feet northwest of hydrant; 66.8 feet southeast of the southeast corner of house, #866; 42.2 feet north of center of Chestnut Street and 24.8 feet northeast of a Massachusetts highway bound, on the north side of this street. A U.S.C. & G.S. and State Survey standard disk, stamped "57F-169.375", set in a concrete monument flush with the ground. July 1936. Recovered in good condition February 1940.

57H 183.671 feet
 In the center of the town, on the west side of North Main Street (Route #28), in a gravel sidewalk (at Station 150+04); 0.6 foot from inside face of curb; 3.6 feet from outside corner of curb; 8.2 feet from inside west corner of curb, on top of retaining wall; 37.7 feet south of pole #77.22; 45.5 feet southwest of center of manhole, north of bridge over the N.Y., N.H. & H. R.R. (Easton Branch) and 82.3 feet north of center of Depot Street. A U.S.C. & G.S. and State Survey standard disk, stamped "57H-183.671", set in a concrete monument 2 inches below the ground. July 1936. Recovered in good condition February 1940.

57J 220.103 feet
 In the southern part of the town, in the square, in grass plot on north side of town hall; 31 feet southwest of center line of Union Street; 46 feet north of the north corner of column base on front of town hall; 54.6 feet northeast of Soldiers' Monument; 3.1 feet south of outside face of curb and 37.2 feet northeast of a stone bound. A U.S.C. & G.S. and State Survey standard disk, stamped "57J-220.103". July 1936. Recovered in good condition February 1940.

T.B.M. #256 131.742 feet
 In the southeastern part of the town; 5 feet northeast of northeast side of Holbrook station, N.Y., N.H. & H. R.R. (Boston Division) and

RANDOLPH First Order Bench Marks (Continued)

28 feet northwest of the northwest rail, on high point of Holbrook-Randolph town bound. A chiseled square, 2 feet above the ground. July 1936.

T.B.M. #3055 171.522 feet
About 1.35 miles north of the center of the town, on the east side of North Main Street (Route #28); 103 feet north from the center of driveway of house, #707; 36.5 feet from center of catch basin on east side of highway; 15.6 feet east from east edge of concrete highway; 220 feet south from south end of front steps of house, #729 and 5.7 feet south from a 6-inch ash tree. An iron bolt, 2 feet above highway level. July 1936.

E13 211.025 feet
About 0.1 mile north from the town hall, on the north side of the top step of Randolph Trust Company; 3.15 feet east from edge of top step; 17.1 feet east from east edge of curb and 11.6 feet south from the north corner of Trust Company. A U.S.C. & G.S. standard bench mark disk, stamped "E13-M.G.S.-211.025", set 1 foot above sidewalk level. July 1936. Recovered in good condition February 1940.

F13 224.144 feet
In the center of the town, on the northeast corner of the north column base of town hall; 27.4 feet north from center of main entrance; 4 feet south from first step on north side and 9.3 feet west from northwest corner. A U.S.C. & G.S. standard bench mark disk, stamped "F13-M.G.S.-224.144", set 4 feet above pavement level. July 1936. Recovered in good condition February 1940.

Second Order Bench Marks

57G 166.99 feet
About 1 mile north of the center of the town, on the east side of North Main Street (Route #28) (at Station 96+99); 1750 feet south of the center of Chestnut Street; 12.7 feet east of edge of concrete road slab; 11 feet northwest of a 6-inch ash tree, in front of stone wall; 64.6 feet southeast of pole #77.78; 74.7 feet northeast of pole #77.77 and 74 feet north of center line. A U.S.C. & G.S. and State Survey standard disk, stamped "57G", set in a concrete monument, 12 inches below the ground. August 1935.

57T 189.52 feet
About 1/2 mile west of the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Braintree-Taunton Branch); 3110 feet southwest of South Main Street; 20.7 feet northwest of the northwest rail of north bound track; 11.1 feet southeast of stone wall; 36.8 feet northwest of signal control box and 645 feet north of white semaphore, on east side of track. A U.S.C. & G.S. and State Survey standard disk,

RANDOLPH Second Order Bench Marks (Continued)

stamped "57T", set in an exposed ledge, one foot above the ground. August 1935.

57U 197.14 feet
About 3/4 mile southwest of the center of the town, on the center line of the N.Y., N.H. & H. R.R. (Braintree-Taunton Branch); 4200 feet south of South Main Street; 2.5 feet west of west rail of north bound track; 230 feet southwest of center of cart path, which is the first south of Warren Street; 483 feet southwest of white semaphore on east side of railroad and 110 feet north of a stone bound. A U.S.C. & G.S. and State Survey standard disk, stamped "57U", set in a concrete monument 2 inches below the ground. August 1935.

M128CQA 134.24 feet
In the northern part of the town, on the east side of North Main Street (Route #28); 14.3 feet from the center line; 9.2 feet west of pole #77/165, south of Blue Hill River and 62.5 feet south of the center of Blue Hill River Road, Quincy (Route #128). A U.S.C. & G.S. and State Survey standard disk, stamped "M128CQA", set flush in concrete highway. August 1935.

T.B.M. #267 140.56 feet
In the northeastern part of the town, on the northwest side of the N.Y., N.H. & H. R.R. (Braintree Highlands-Stoughton Junction Branch) bridge #1.29 over North Street, on east corner of bottom of visible step of granite retaining wall, that runs northeast from northeast end of northwest abutment. A chiseled square. March 1931.

T.B.M. #2373 228.03 feet
In the southern part of the town, on the west side of South Main Street (Route #28); 30 feet from the center line, at corner of driveway to house; 58.2 feet north of an 8-inch maple tree and 48 feet southeast of southeast corner of the said house. A chiseled square, on a concrete bound, 2 inches above the ground. November 1935.

T.B.M. #2374 191.60 feet
In the center of the town, at the southwest corner of North Main and Warren Streets, at northeast corner of the Masonic Building. The southeast corner of the stone bound. No mark. February 1936.

T.B.M. #2375 172.83 feet
About 2.2 miles north of the square, on the east side of North Main Street (Route #28); 18 feet from the edge of the concrete road and 28 feet south of the south edge of Pond Street. A chiseled square, on the northwest corner of a Massachusetts highway bound. December 1935.

RANDOLPH Second Order Bench Marks (Continued)

T.B.M. #2376 183.74 feet
About 1.2 miles north of the square, on the west side of North Main Street (Route #28), in front of house #604, on a concrete wall, about 12 inches south of the concrete post of the south edge of the walk leading to the house. A chiseled cross-cut. December 1935.

T.B.M. #2377 133.15 feet
In the northeastern corner of the town, on north side of Pond Street, 25 feet from center line; 51.5 feet southeast of southeast corner of house, #272 and 59 feet southwest of center line of driveway to pumping station. A chisel cut, on the east corner of a Braintree granite town bound. December 1935.

L21 174.89 feet
In the center of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Braintree Highlands-Stoughton Junction Branch), north of Warren Street, on south corner stone threshold of most northeasterly door, on southeast side of the station. A copper bolt. March 1931.

Bench Marks at Water Supply Units

68J-7 244.94 feet
About 0.5 mile south of the town. To reach bench mark by auto, travel south 0.5 mile on South Main Street (Route #28) to house, #214; turn into driveway along north side of house about 350 feet. A monel rivet, set in concrete foundation of valve box at base of standpipe, 70.2 feet south of center line of right-of-way. November 1935.

68J-7A 243.47 feet
A monel rivet, set in top of ledge outcrop; 118 feet east from BM 68J-7 along right-of-way and 14.3 feet south of center line of right-of-way.

68J-7B 243.08 feet
A monel rivet, set in ledge outcrop; 134.2 feet west of BM 68J-7 and about 37 feet south of center line of right-of-way.

Supplementary Data

	Elevation
<u>68J-7 MAIN STREET STANDPIPE</u>	
Bottom of standpipe (Dia. 30 ft., Ht. 125 ft.)	246.62
Overflow (Capacity 660,000 gals.)	371.62

RANDOLPH Supplementary Data (Continued)

	Elevation
68J-8 <u>GREAT POND PUMPING STATION</u> (Braintree)	
Pumping station floor	125.00
Filters (4 slow sand 15 ft. x 12 ft. x 11.25 ft.)	138.27
Overflow coagulation basin	136.27
Bottom of coagulation basin (50 ft. x 56 ft.)	123.02
Top clear water basin (50 ft. x 56 ft. x 14 ft.)	129.02
Great Pond Dam	
Spillway crest (Oct. 1937, 1.77 ft. F.B. in use)	117.01
Water level observed Jan. 26, 1937	119.07
Seasonal variation in water level unavailable	
Area 205 acres; available supply 271 m.g.	
68J-13 <u>SYCAMORE STREET STANDPIPE</u> (Holbrook)	
Bottom of standpipe (Dia. 30 ft., Ht. 115 ft.)	258.36
Overflow (Capacity 590,000 gals.)	373.36

SHARON

First Order Bench Marks

O (U.S.C. & G.S.) 191.345 feet
About 1 mile north of Sharon Center, on the N.Y., N.H. & H. R.R. (shore line); 23 rails north of milepost B-17; 276.5 feet northeast of northeast corner of southeast abutment of bridge #17.47 and 8 feet southeast of the southeast rail. A U.S.C. & G.S. and State Survey standard disk, stamped "O-1923-191.345", set in a rock ledge outcrop. Recovered in good condition February 1940.

11BD 245.594 feet
About 0.7 mile south of the Sharon station, on the N.Y., N.H. & H. R.R. (Providence Division); 39.8 feet west of west rail of west track; 1676 feet north of northeast corner of west abutment of South Main Street bridge #19.17 and 1682 feet southwest of milepost B18. A U.S.C. & G.S. and State Survey standard disk, stamped "11BD-245.594", set in a concrete monument, flush with the ground. October 1937. Recovered in good condition February 1940.

11BE 222.160 feet
About 248 feet south of Sharon railroad station, on the N.Y., N.H. & H. R.R. (Providence Division), opposite post #1735; 498 feet south of center line of Depot Street and 9.1 feet west from west rail of west track. A U.S.C. & G.S. and State Survey standard disk, stamped "11BE-222.160", set in a concrete monument, flush with the surface of the ground. October 1937. Recovered in good condition February 1940.

AU52 260.307 feet
About 0.25 mile north of Sharon Heights station, on the N.Y., N.H. & H. R.R. (Providence Division). A U.S.C. & G.S. standard bench mark disk, stamped "AU52-260.307", set vertically in the west face of the east abutment of bridge #19.17 (South Main Street overpass). October 1937. Recovered in good condition February 1940.

T.B.M. #103 263.549 feet
About 0.85 mile south of Sharon Heights station, on the N.Y., N.H. & H. R.R. (shore line); 359 feet south of the intersection of Mohawk Street and 35.7 feet west of the west rail of main line. A monel rivet, set in a ledge outcrop. October 1937.

T.B.M. #104 252.541 feet
In the southern part of Sharon on the N.Y., N.H. & H. R.R. (Providence Division); 0.9 mile south of the Mohawk Street crossing; 0.6 mile north of the East Foxborough station; 467 feet north of the center line of bridge #21.28 (railroad under Wolomolopoag Road) and 54 feet west of the west rail. A monel rivet, set in the top of a boulder. October 1937.

SHARON First Order Bench Marks (Continued)

T.B.M. #3095 176.048 feet
 About 1.1 miles northeast of Sharon station, on the N.Y., N.H. & H.R.R. (Providence Division); 10.2 feet northwest of northwest rail and 4 feet below top of rail. A monel rivet, set in the northwest end of the northeast bridge seat of bridge #17.07 over Canton Street. October 1937.

Second Order Bench Marks

M1M 307.03 feet
 In the northwestern part of Sharon, on Route #1; 1047 feet south of a wood road crossing highway; 1450 feet south of the Sharon-Walpole town line; 375 feet southwest of the end post of a cable guard rail fence and 0.5 foot in from west edge of highway surface. (At Station 83 + 77, Sharon 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M1M", set flush in concrete pavement. August 1935.

M1P 248.41 feet
 In the western part of Sharon, on Route #1; 1625 feet southwest from center line of old Post Road; 1936 feet southwest of crossing of high tension transmission line; 72.5 feet southwest from the east of a pair of Massachusetts highway bounds, on either side of highway; 85 feet southwest from point of intersection of line of stone wall and easterly edge of pavement and 0.75 foot in from east edge of pavement. A U.S.C. & G.S. and State Survey standard disk, stamped "M1P", set flush in concrete highway surface. August 1935.

M1PSW 189.09 feet
 In the southeastern part of the town, on the west side of Route #1, on the Sharon-Walpole town line, in center of west header of culvert carrying School Meadow Brook. A U.S.C. & G.S. and State Survey standard disk, stamped "M1PSW", set flush in concrete header. August 1935.

M1WS 275.78 feet
 In the eastern part of the town, on the east side of Route #1; 20 feet from edge of road slab; 793 feet south of the center of High Plains Street, on the Walpole line and 72 feet north of the line signpost. A U.S.C. & G.S. and State Survey standard disk, stamped "M1WS", set in a Massachusetts highway bound. August 1935.

11BF 213.07 feet
 About 1 mile north of Sharon, on the N.Y., N.H. & H. R.R. (Providence Division) on Maskwonicut Street overpass bridge #17.47; 16.2 feet west from west rail of west track; 10 feet west from west abutment face and 2.7 feet north of south wing wall face. A U.S.C. & G.S. and State Survey standard disk, stamped "11BF", set in stone retaining

SHARON Second Order Bench Marks (Continued)

wall, the top of which is 6 inches below the street surface. March 1935.

11CA 273.55 feet
About 1/2 mile north of Sharon Heights, on South Main Street, at intersection of Gunhouse and East Foxboro Streets; 66 feet southeast of the southwest corner of garage; 100.2 feet south of the southwest corner of house, #247; 6.5 feet south from 30-inch rock maple tree; 41 feet northeast from 28-inch white ash tree and 6.3 feet southeast from street line stone wall. A U.S.C. & G.S. and State Survey standard disk, stamped "11CA", set in a concrete monument, flush with the surface of the ground. May 1935.

11CB 265.04 feet
About 1 mile southwest of Sharon Center, on South Main Street; 1050 feet north of intersection of East Foxboro and Gunhouse Streets; 87.4 feet northeast of the north corner of house, #208; 101.6 feet north of the north corner of house, #210; 147 feet southwest and 144.6 feet northeast respectively of stone bounds of house lot, #208 and 41 feet southeast of fence of gravel pit. A U.S.C. & G.S. and State Survey standard disk, stamped "11CB", set in a concrete monument, flush with the ground. May 1935.

11CC 268.84 feet
About 2/3 mile southwest of Sharon Center, on South Main Street, in lawn; 228 feet east of the intersection of South Main Street and Gertrude Avenue; 29 feet southeast of the center line of South Main Street; 202 feet southwest from stone gate post at end of wall and 7 feet southeast from east street line wall. A U.S.C. & G.S. and State Survey standard disk, stamped "11CC", set in a concrete monument, flush with the surface of the ground. May 1935.

11CD 294.21 feet
About 1/3 mile south of Sharon Center, on South Main Street; 536 feet south of south line of East Chestnut Street; 54 feet northwest of the northwest corner of house, #110; 57.1 feet west of the west corner of house, #106 and 0.4 foot east of east street curb. A U.S.C. & G.S. and State Survey standard disk, stamped "11CD", set in a concrete monument, flush with the ground. May 1935.

11CE 302.17 feet
In Sharon Square, on the north corner of North Main and Depot Streets; 6.2 feet radially from the curb; 55.8 feet northwest of a concrete line post in center of square; 102 feet west of the northwest corner of U.S. Post Office (on line with north side); 1 foot northwest from northwest line of North Main Street and 2.5 feet northeast from northeast line of Depot Street. A U.S.C. & G.S. and State Survey standard disk, stamped "11CE", set in a stone bound, 9 inches above the ground. May 1935.

SHARON Second Order Bench Marks (Continued)

11CF 291.52 feet
About 1/4 mile northeast of Sharon Center, on the east side of North Main Street; 45 feet south from south side of Glendale Road; 54 feet southwest of the intersection of center lines; 16.7 feet southeast of the center line of North Main Street; 35 feet north from north side of house #65 and 1.1 feet east from east curb face. A U.S.C. & G.S. and State Survey standard disk, stamped "11CF", set in a concrete monument, flush with the surface of the ground. May 1935.

11CG 264.88 feet
In the north central part of Sharon, on the west side of North Main Street; 252 feet north of north side of Ashcroft Road; 4.6 feet east of west street line; 85 feet south of south side of house, #132, on west side of street and 87 feet southeast of the southeast corner of sun parlor. A U.S.C. & G.S. and State Survey standard disk, stamped "11CG", set in a concrete monument, flush with the ground. May 1935.

11CH 220.83 feet
In the north central part of Sharon, on the east side of North Main Street; 63 feet north from north side of house, #189; 56 feet south from south side of house, #195; 33 feet east from west curb face and 72.8 feet northwest of the northwest corner of house, #189. A U.S.C. & G.S. and State Survey standard disk, stamped "11CH", set in a concrete monument, flush with the ground. May 1935.

11CJ 183.04 feet
About 1 1/2 miles northwest of Sharon Center, on the east side of North Main Street, opposite the center of Canton Street; 77.3 feet northeast of a fire hydrant, on west side of North Main Street; 112 feet east of northeast corner of Sharon Box Company's office; 228.4 feet southeast (on line with northeast side) of southeast corner of refuse bins of Sharon Box Company; 2.2 feet east from range of east side of house "The Willows" and 5.8 feet east from east curb face. A U.S.C. & G.S. and State Survey standard disk, stamped "11CJ", set in a concrete monument, flush with the ground. May 1935.

T.B.M. #2081 249.17 feet
In the western part of Sharon, on the northwest corner of intersection of Route #1 and Common Street (Old Post Road); 83.2 feet southeast of southeast leg of high tension tower and 2.29 feet below this point. A chisel cut, in northwest corner of catch basin curbstone. August 1935.

T.B.M. #2897 314.45 feet
In the western part of Sharon, on the north side of Walpole Street, 0.85 mile southeast of the intersection of Route #1 and Old Post Road; 0.7 mile west of the intersection of Walpole Street and Moose Hill Road, in the northeast angle of Walpole Street and wood road leading north; about 25 feet northwest of pole #60-50 and about 18

SHARON Second Order Bench Marks (Continued)

feet northeast of a stone wall corner. A chiseled square, on the highest part of a large boulder, lying between two oak trees. November 1940.

T.B.M. #2898 282.42 feet
In the western part of Sharon, in the southwest angle of the intersection of Walpole Street and Moose Hill Road. A chiseled square, on the east end of the lower concrete step at the front entrance of #88 Walpole Street. November 1940.

T.B.M. #2899 270.53 feet
In the southwestern part of Sharon, on the southeast side of South Main Street, opposite the intersection of Walpole Street. The bench mark is the highest part of the letter "D" on top of a fire hydrant. November 1940.

C132 (U.S.G.S.) 302.48 feet
In the northern part of Sharon, on Route #1; about 1500 feet southwest of the Sharon-Walpole line, near Station 87+52; about 200 feet north of summit of hill and on its northwest slope; 85 feet west of center line of highway and about 90 feet north of a road stand. A U.S. Geological Survey standard disk, stamped "C132-302-1934", set in the top of the smaller of two boulders. May 1934.

Bench Marks at Water Supply Units

68H-13 209.47 feet
About 0.25 mile west of Sharon Center; 86 feet north of the center line of Depot Street, at a point 110 feet west of the west rail of the south bound track of the N.Y., N.H. & H. R.R. on Depot Street crossing. A monel rivet, set at the west end of front doorstep of pumping station.

Ref. BM 68H-13A 217.44 feet
A monel rivet, set in concrete apron at the west end of front entrance of a garage used by Sharon Taxi Service; 48 feet south of the center line of Depot Street and 135.6 feet south of BM 68H-13.

Ref. BM 68H-13B 207.88 feet
A monel rivet, set at the south end of a granite window sill, on the west side of a 16-foot by 16-foot brick building; the southwest corner of which is 35.8 feet east from the northeast corner of the pumping station; the southeast corner of this building is 39.7 feet west of the west rail of the south bound track, at a point 168 feet north of the center line of Depot Street crossing.

68H-14 302.17 feet
(Same as U.S.C. & G.S. and State Survey standard disk, "11CE").

SHARON Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68H-14A 307.86 feet
A monel rivet, set in the northwest corner of concrete stone foundation of Unitarian Church; 143.3 feet south from center of water tower; 90 feet north from north curb line of Depot Street, at a point 161 feet west from BM 68H-14 (station 11CE).

Ref. BM 68H-14B 307.79 feet
A monel rivet, set on the northeast corner of top step of Sharon Public Library; 233.8 feet northeasterly from BM 68H-14; 60.4 feet south of south curb line of High Street; 43.4 feet east of east curb line of North Main Street and 24.1 feet south of northwest corner of library.

68H-15 209.24 feet
About 0.95 mile west of Sharon Square; 900 feet south of Moose Hill Street, along a private way leading to pumping station; 1200 feet west from west rail of N.Y., N.H. & H. R.R., at a point 1200 feet north of station 11BD; 53.2 feet southwest from a hydrant (north of the building) and 35.8 feet west of a pole east of building. A monel rivet, set in concrete, at northwest corner of doorstep to pumping station.

Ref. BM 68H-15A 218.40 feet
A monel rivet, set on a boulder in a small, unused gravel pit, on side slope and 279.6 feet southwest of the southwest corner of pumping station.

Ref. BM 68H-15B 209.94 feet
A monel rivet, set on top of a property bound; 16.2 feet east of center line of private road; 625 feet southeast of Moose Hill Street and 288 feet north of BM 68H-15.

68H-33 371.83 feet
About 1 mile west from Sharon Center; 700 feet west from intersection of Everett Street, Upland Road and Depot Street; 22 feet north from iron ladder. A chiseled square, cut on top of standpipe foundation on the east side. February 1937.

Ref. BM 68H-33A 367.61 feet
A chiseled square, cut on top of ledge, projecting from hillside and 102 feet north from BM 68H-33.

Ref. BM 68H-33B 365.61 feet
The top of an iron pin, set in Lally column; 67.5 feet northeast from BM 68H-33.

SHARON Supplementary Data

Elevation

68H-13 DEPOT STREET PUMPING STATION

Pumping station floor	202.64
Dug well. Floor over (15 ft. x 15 ft., D. 17 ft.)	205.87
Water level is constant at overflow when not pumping	204.29
Wells G.L. (8 driven, Dia. 2 1/2 in., D. 25-40 ft.)	203.81
Water always above ground at wells 10 to 16 in.	

68H-15 MOOSE HILL PARKWAY PUMPING STATION

Pumping station floor	203.40
Wells G.L. (40 driven, Dia. 2 1/2 in., Av. D. 19-51 ft.)	205.87
Water varies from 24 to 36 inches below ground	

68H-33 UPLAND ROAD STANDPIPE

Top of foundation (Dia. 56 ft., Ht. 55 ft.)	371.83
Fill level (Cap. 1,000,000 gals.) Controlled at	426.83

STOUGHTON

First Order Bench Marks

T.B.M. #263 197.713 feet
In West Stoughton, on the east side of the N.Y., N.H. & H. R.R. (Boston Division) south of Central Street. A chisel cut, in granite foundation under the southwest corner of the station. February 1936.

T.B.M. #766 202.389 feet
About 1 1/2 miles south of the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Boston Division); 9.5 feet from the west rail and 290 feet north of Fish and Game Club Road. A copper plug, set on a ledge outcrop. February 1936.

T.B.M. #767 187.051 feet
About 2 miles south of the center of the town, on the south side of the N.Y., N.H. & H. R.R. (Stoughton Junction-Braintree Highlands Branch) bridge #7.45 at Washington Street overpass. A copper plug, set on the west wing wall on shelf cut in the end of the south abutment. February 1936.

G21 232.362 feet
In the center of the town, on the east side of the N.Y., N.H. & H. R.R. (Boston Division) north of Wyman Street, on the southeast cornerstone of threshold of most easterly entrance, on south side of the station. A chiseled square. March 1931.

M21 214.609 feet
About 1 1/4 miles south of the center of the town, on the west side of the N.Y., N.H. & H. R.R. (Boston Division); 9.9 feet from the west rail and 341 feet north of Morton Street. A monel rivet, set on a ledge outcrop. February 1936.

AA21 207.869 feet
About 2 miles south of the center of the town, on the north side of the N.Y., N.H. & H. R.R. (Stoughton Junction-Braintree Highlands Branch) bridge #7.45 at Washington Street overpass. A U.S.C. & G.S. standard bench mark disk, stamped "AA21-207.869", set in the top northeast wing wall, about 1 foot from iron fence. February 1936. Recovered in good condition February 1940.

AD21 240.594 feet
In the center of the town, at the northwest corner of Pearl and Porter Streets. A Mass. Dept. of Public Works standard bench mark disk, stamped "AD21-240.594", set on the top of buttress on the south side of steps at the most southerly entrance on the east side of town hall. February 1936. Recovered in good condition February 1940.

STOUGHTON Second Order Bench Marks

57W 249.09 feet
In the eastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Braintree-Taunton Branch), in the center of the north bound track; 16.3 feet west of a telegraph pole and 1770 feet north of the center of Park Street (Route #27). A U.S.C. & G.S. and State Survey standard disk, stamped "57W", set in a concrete monument, 3 inches above the ground. August 1935.

57X 224.80 feet
About 1 mile southeast of the center of the town, on the southeast side of the N.Y., N.H. & H. R.R. (abandoned), on center line of the southeast track; 160 feet northeast of the center of Summer Street; 145 feet northeast of north corner of bridge #6.46, south girder, and 21.2 feet west of second telegraph pole northeast of overpass. A U.S.C. & G.S. and State Survey standard disk, stamped "57X", set in a concrete monument, 3 inches below the ground. August 1935.

M138L 243.36 feet
About 1 mile north of the center of the town, on the west side of Washington Street (Route #138) (at Station 19 + 90); 7.4 feet from edge of concrete road slab; 65.5 feet west of northwest corner and 66 feet northwest of southwest corner of house, #198; 40 feet southwest of pole; 57.5 feet southwest of pole across road and 205 feet south of transmission lines. A U.S.C. & G.S. and State Survey standard disk, stamped "M138L", set in a concrete monument, 8 inches below the ground. March 1935.

M138M 243.71 feet
About 1/2 mile north of the center of the town, on the north side of Central Street (at Station 38+30); 32.1 feet east of edge of concrete road on Washington Street (Route #138); 42.1 feet southeast of pole; 57 feet southwest of southwest corner of house, #997 and 101 feet north of northwest corner of Evans Shell gas station. A U.S.C. & G.S. and State Survey standard disk, stamped "M138M", set in a concrete monument, 5 inches below the ground. March 1935.

M138MA 254.70 feet
About 1/2 mile north of the center of the town, on the south side of Central Street; 15.3 feet from center line; 28 feet north of south street line; 82.5 feet southwest of southeast corner of house, #907 and 1000 feet east of Washington Street (Route #138). A U.S.C. & G.S. and State Survey standard disk, stamped "M138MA", set in a concrete monument, 3 inches below the ground. March 1935.

M138MB 229.22 feet
About 3/4 mile north of the center of the town, on the south side of Central Street; 20.5 feet from the center line; 59.5 feet southeast of a 4-inch elm tree; 65 feet southeast of the southwest corner and 61 feet south of the southeast corner of house, #1121; 88.5 feet south-

STOUGHTON Second Order Bench Marks (Continued)

west of southeast corner of house, #1113; 71.6 feet southwest of stone post at corner of cemetery lot and 1225 feet west of Washington Street (Route #138). A U.S.C. & G.S. and State Survey standard disk, stamped "M138MB", set in a concrete monument, 2 inches below the ground. March 1935.

M138N

245.51 feet

About 1/4 mile north of the center of the town, on the west side of Washington Street (Route #138) (at Station 56 + 00); 14.7 feet from west edge of road slab; 9.2 feet northeast of a 16-inch maple tree; 90.9 feet southwest of southwest corner of house, #556; 50 feet southeast of southwest corner and 31.7 feet southeast of southeast corner of house, #559 and 195 feet north of the north edge of Roseglen Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M138N", set in a granite monument, 3 inches above the ground. April 1935.

M138P

237.39 feet

In the center of the town, on the west side of Washington Street (Route #138); 5.1 feet from curb; 0.8 foot east of concrete house walk; 33.7 feet northeast of southeast corner of house, #703; 34 feet southeast of northeast corner of house, #701 and 210 feet south of center of School Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M138P", set in a concrete monument, 6 inches below the ground. April 1935.

M138Q

235.68 feet

In the center of the town, on the east side of Washington Street (Route #138) in front of the First Parish Church (Universalist); 9.8 feet from edge of curb; 127 feet southwest of the northwest corner of north buttress to steps; 120 feet southwest of the southwest corner of south buttress to steps; 24.5 feet south of edge of walk to main entrance to church; 78.9 feet south of hydrant; 16 feet southeast of pole #20/69 and 82 feet north of the center of Pleasant Street. A U.S.C. & G.S. and State Survey standard disk, stamped "M138Q", set in a concrete monument, 4 inches below the ground. April 1935.

M138R

221.84 feet

About 1/4 mile south of the center of the town, on the west side of Washington Street (Route #138) (at Station 21 + 70), opposite Evergreen Cemetery; 9.8 feet from edge of road slab; 99 feet northeast of northeast corner of house, #1099; 57.9 feet southeast of the southeast corner of house, #1083 and 81 feet northwest of the northwest corner of stone gateway to cemetery. A U.S.C. & G.S. and State Survey standard disk, stamped "M138R", set in a concrete monument, 6 inches below the ground. April 1935.

STOUGHTON Second Order Bench Marks (Continued)

M138S 208.10 feet
 About 1 1/2 miles south of the center of the town, on the west side of Washington Street (Route #138) (at Station 61+50); 7.9 feet from edge of road slab; 17.4 feet east of east rail of N.Y., N.H. & H.R.R. 300 feet south of the center of Morton Street; 11 feet north of northwest corner of wing wall culvert under road; 11.8 feet north of inside corner of east end of wing wall and 12.9 feet northeast of northeast corner of head wall of culvert under railroad tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "M138S", set in a concrete monument, 3 inches below the ground.

M138T 209.13 feet
 About 2 miles south of the center of the town, on the west side of Washington Street (Route #138) (at Station 80 + 70), on bridge over abandoned N.Y., N.H. & H. R.R.; 2.8 feet northeast of northeast corner of girder; 42.6 feet west of southwest corner of girder on east side and 1.1 feet east of northeast corner of concrete post bearing "Massachusetts State Seal". A U.S.C. & G.S. and State Survey standard disk, stamped "M138T", set in a concrete curb at base of girder. April 1935.

T.B.M. #265 242.97 feet
 In the southeastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Braintree Highlands-Stoughton Junction Branch) 31.2 feet from the southeast rail and 174 feet northeast of center of Park Street (along rail). A chiseled square, in top of boulder. August 1935.

J21 223.21 feet
 In the southeastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Braintree Highlands-Stoughton Junction Branch) bridge #6.46 over Summer Street. A copper bolt, set in the southeast corner of the northeast bridge seat. August 1935.

K21 246.60 feet
 In the eastern part of the town, on the southeast side of the N.Y., N.H. & H. R.R. (Braintree Highlands-Stoughton Junction Branch) bridge #5.23 over Turnpike Street, halfway up the first course and 16 feet southwest of northeast corner of abutment. A copper bolt. August 1931.

Bench Marks at Water Supply Units

68H-11 150.60 feet
 In West Stoughton; about 300 feet southeast of intersection of Island and Central Streets; 129 feet south of center line of Central Street; 110.4 feet south of pole #4-66A and down three steps from ground level in an arched vestibule. A monel rivet, set on the

STOUGHTON Second Order Bench Marks at Water Supply Units (Continued)

granite doorsill of boiler room (south end) of pumping station.
April 1936.

Ref. BM 68H-11A 153.57 feet
A monel rivet, set in concrete, on the north end of most westerly entrance to engine room on granite doorsill; 32 feet northwest from BM 68H-11; 103 feet south of pole #4-66A and 3.1 feet west of north-east corner of ell.

Ref. BM 68H-11B 153.60 feet
A monel rivet, set in concrete, on top of northeast end of stone retaining wall at northeast end of French-Ward Pond; 129.3 feet northwest of BM 68H-11; 110.5 feet northwest of BM 68H-11A; 26 feet south of center line of Central Street and 81.6 feet southwest of pole #4-66A.

68H-12 324.43 feet
About 0.96 mile northeast of center of the town, on Pleasant Street; 98 feet southwest from center line of Oakland Street; 61.8 feet northwest from center line of Pleasant Street; 22 feet northeast from stone wall and 0.6 foot south of face of tank. A monel rivet, set in concrete in top course of concrete foundation, on the south-erly side of standpipe. April 1936.

Ref. BM 68H-12A 324.47 feet
A monel rivet, set in concrete, on small boulder; about 8 inches above the ground; 30.5 feet south from BM 68H-12; 32.5 feet northwest from center line of Pleasant Street and 73.6 feet east from east corner of house, #468.

Ref. BM 68H-12B 325.14 feet
A monel rivet, set in concrete, on small boulder; about 18 inches above the ground; 25 feet west from BM 68H-12; 45.4 feet northwest from BM 68H-12A and 51.2 feet northeast from east corner of house, #468.

68H-31 185.24 feet
About 1 1/4 miles north of the center of the town; 3.3 feet north of auxiliary pumping station, known locally as Henry Springs; about 225 paces east of Route #138; 75 paces north of York Street and 6.7 feet northeast of northeast corner of pumping station. A chiseled square, on top of concrete manhole. January 1937.

Ref. BM 68H-31A 193.95 feet
A chiseled square, on a Massachusetts highway bound; 24 feet north of York Street; about 150 paces east of center line of Route #138 and 252 feet southwest of BM 68H-31.

STOUGHTON Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68H-31B 243.36 feet
 (Same as U.S.C. & G.S. and State Survey standard disk, "M138L").

This pumping station at Henry Springs is
 a part of the Canton water supply system.
 See CANTON for supplementary data.

Supplementary Data

	Elevation
<u>68H-11 CENTRAL STREET PUMPING STATION</u>	
Pumping station steam pump floor	153.41
Electric pump floor	147.08
Muddy Pond - Crest of dam (1 mile south of P.S.)	160.28
Spillway crest (F.B. 2 ft. high may be used)	158.18
Water level observed August 30, 1937	158.23
Seasonal variation in water level unrecorded	
Area 3.25 acres; available supply 1.3 m.g. per day	
 <u>68H-12 PLEASANT STREET STANDPIPE</u>	
Top of foundation (Dia. 50 ft., Ht. 65 ft.)	324.43
Overflow (Capacity 954,500 gals.)	324.43

WALPOLE

(There are no First Order Bench Marks)

Second Order Bench MarksMLG

101.50 feet

In the southern part of the town, on the southeast side of U. S. Route #1, on the Norwood line (at Station 0+00 Norwood = 93+20 Walpole 1931 layout); 0.7 foot west of the edge of concrete slab and 227 feet south of the center of Union Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MLG", set flush in slab. June 1935.

MLH

117.99 feet

In the eastern part of the town, on the east side of U.S. Route #1, 20 feet east of the edge of the highway slab and 903 feet north of Coney Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MLH", set in a Massachusetts highway bound. June 1935.

MLJ

146.07 feet

In the eastern part of the town, on the west side of U.S. Route #1, 50 feet from center line and 30 feet south of the center line of Coney Street (Route #27). A U.S.C. & G.S. and State Survey standard disk, stamped "MLJ", set in a Massachusetts highway bound. July 1935.

MLJA

184.14 feet

In the eastern part of the town, at the northeast corner of the intersection of Moose Hill Road with U.S. Route #1; 87 feet northwest of a catch basin on northeast side of Moose Hill Road. The southwest bolt of hydrant cap, 2.5 feet above curbstone. July 1935.

MLK

274.61 feet

In the eastern part of the town, on the west side of U.S. Route #1; (at Station 22 + 48, Walpole 1931 layout); 40 feet from center line, on top of a bank on the crest of a hill, about 100 feet north of a storm sewer and 1488 feet north of High Plains Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MLK", set in a Massachusetts highway bound. August 1935.

MLL

278.44 feet

In the eastern part of the town, on the east side of U. S. Route #1 (at Station 8+14, Walpole 1931 layout); 58.6 feet from the edge of the highway slab; 34 feet southeast of a pole and 55 feet south of the center line of High Plains Street. A U.S.C. & G.S. and State Survey standard disk, stamped "MLL", set in a Massachusetts highway bound. August 1935.

MLN

248.10 feet

In the southeastern part of the town, on the west side of U. S. Route #1; 8 feet from the center line; 311 feet southwest of crossing of a

WALPOLE Second Order Bench Marks (Continued)

high tension transmission line and at the Sharon-Walpole Corner. An iron pin, set flush in expansion joint in concrete slab. March 1936.

M1Q 282.76 feet
In the southern part of the town, on the east side of U. S. Route #1 (at Station 40 + 71, Walpole 1931 layout; 7 1/2 inches in from east edge of concrete pavement and 580 feet southwest of Pine Street near proposed site of Jewish Tuberculosis Sanitarium. A U.S.C. & G.S. and State Survey standard disk, stamped "M1Q", set flush in road slab. August 1935.

M1R 237.33 feet
In the extreme northern part of Foxborough, on U.S. Highway Route #1 (Boston-Providence Turnpike), on the Walpole-Foxborough line; about 539 feet north of intersection with North Street and 8 inches in from east edge of concrete pavement. A U.S.C. & G.S. and State Survey standard disk, stamped "M1R", set flush in highway surface. August 1935.

M1WS 275.78 feet
In the eastern part of the town, on the east side of U. S. Route #1; 20 feet from edge of road slab; 793 feet south of the center of High Plains Street, on the Walpole line and 72 feet north of the line signpost. A U.S.C. & G.S. and State Survey standard disk, stamped "M1WS", set in a Massachusetts highway bound. August 1935.

M1PSW 189.09 feet
In the southeastern part of the town, on the west side of U. S. Route #1, on the Walpole-Sharon town line, in center of west header of culvert carrying School Meadow Brook. A U.S.C. & G.S. and State Survey standard disk, stamped "M1PSW", set flush in concrete header. August 1935.

11A 222.68 feet
In South Walpole, on the east side of the N.Y., N.H. & H. R.R.; 28.9 feet from east rail of main track and 5 feet from the east rail of siding; 18 feet north of the center of Summer Street and 61.9 feet north of the northwest corner of the post office. A U.S.C. & G.S. and State Survey standard disk, stamped "11A", set in a concrete monument. June 1935.

35S 169.22 feet
In the center of the town, on the south side of Elm Street (Route #27), bridge over N.Y., N.H. & H. R.R.; 14.5 feet from the center line; 37.8 feet southeast of east end of north bridge girder; 10 feet east of east end of south bridge girder and 5.2 feet northeast of the southeast corner of top step of concrete retaining wall. A U.S.C. & G.S. and State Survey standard disk, stamped "35S", set in a concrete monument, flush with the ground. May 1935.

WALPOLE Second Order Bench Marks (Continued)

*35TA feet
 In the center of the town, on the east side of the N.Y., N.H. & H. R.R.; 111 feet southwest of the center line of the West Street bridge; 29.9 feet west of the north edge of concrete base of north oil tank; 41.8 feet east of water spout and 8.3 feet from the southeast rail of tracks. A U.S.C. & G.S. and State Survey standard disk, stamped "35TA", set in a concrete monument, 2 inches below the ground.

35V 157.70 feet
 On the Common, at intersection of Main, Common and West Streets; 53.3 feet west of flag pole; 29.4 feet northeast of west curb; 28.3 feet southeast of a 15-inch elm and 29.2 feet south of north curbing. A U.S.C. & G.S. and State Survey standard disk, stamped "35V", set in a concrete monument flush with the ground. May 1935.

35W 155.40 feet
 At the town hall, on the southeast side of Main Street, 4.5 feet from the southeast line, in the front lawn; 3.8 feet from the southwest side of concrete steps; 54.3 feet southwest of north corner and 41.2 feet northwest of southwest corner of town hall and northeast of Stone Street. A U.S.C. & G.S. and State Survey standard disk, stamped "35W", set in a concrete monument flush with the ground and 2.5 feet above the sidewalk. September 1935.

35Z 155.45 feet
 In the center of the town, on the west corner of Main and Elm Streets; 4.1 feet south of concrete pole #21; 10.6 feet northeast of traffic signal; 5.2 feet north of catch basin (center) and 12.6 feet southwest of manhole. A U.S.C. & G.S. and State Survey standard disk, stamped "35Z", set in concrete monument, flush with the ground. May 1935.

*35AA feet
 In the center of the town, on the south side of East Street; 7.9 feet from the south line; 38.4 feet southeast of hydrant on north side; 41.4 feet northeast of northwest corner of Catholic Church; 29.3 feet west of pole #J8/94 and 145.6 feet east of center line of Hartshorn Road. A U.S.C. & G.S. and State Survey standard disk, stamped "35AA", set in a concrete monument, 3 inches below the ground.

*35AB feet
 In the east central part of the town, in a triangular grass plot, at the intersection of East and High Plain Streets; 14.5 feet south of pole #J8/70; 37.9 feet east of center line of East Street; 62.1 feet north of northwest corner of house, #1 High Plain Street and 62.2 feet northwest of northeast corner of same house. A U.S.C. & G.S.

*The elevation of this mark has not been determined.

WALPOLE Second Order Bench Marks (Continued)

and State Survey standard disk, stamped "35AB", set in a concrete monument, 3 inches below the ground.

*35AC feet
 In the eastern part of the town, on the south side of High Plain Street; 15.9 feet from center line; 39.8 feet east of a hydrant, on south side of street; 66.1 feet northwest of northwest corner of house, #183; 61.4 feet northeast of northeast corner of house, #173 and 300 feet east of center line of Washington Street. A U.S.C. & G.S. and State Survey standard disk, stamped "35AC", set in a concrete monument flush with the ground.

74E 102.90 feet
 In East Walpole, on the east side of Washington Street; 1032 feet northeast of center line of N.Y., N.H. & H. R.R. bridge; 2.1 feet west of stone wall on east street line; 16.8 feet east of a manhole; 26.3 feet north of pole #33/15; 20.1 feet west of northwest corner of Men's Recreation House of Hollingsworth and Vose Company and 37.1 feet north of southwest corner of same building. A U.S.C. & G.S. and State Survey standard disk, stamped "74E", set in a concrete monument, 2 inches below the sidewalk. November 1936.

74F 134.20 feet
 In East Walpole, on the east side of Washington Street; 9.1 feet from the east line; 43.2 feet northeast of center line of Rhodes Avenue; 5.1 feet north of pole #J33/27/0; 58.3 feet southwest of north corner of St. Mary's Church and 37.4 feet west of the southwest corner of the same building. A U.S.C. & G.S. and State Survey standard disk, stamped "74F", set in a concrete monument, 3 inches below the ground, and in a 5-inch square box in concrete sidewalk. November 1936.

74G 142.70 feet
 In East Walpole, on the west side of Washington Street; 189 feet southwest of center line of June Street; 2.2 feet west of curb; 45.2 feet southeast of the northeast corner of house, #265; 44.4 feet northeast of south corner of same house; 14 feet northeast of a hydrant and 37.6 feet north of pole #J33/38/0. A U.S.C. & G.S. and State Survey standard disk, stamped "74G", set in a concrete monument, 3 inches below the ground. November 1936.

T.B.M. #131 197.48 feet
 In the southern part of the town, on the northwest side of Washington Street, at the corner of South Street. The east corner of the stone step of house, #1431. No mark. September 1935.

*The elevation of this mark has not been determined.

WALPOLE Second Order Bench Marks (Continued)

- T.B.M. #132 214.92 feet
In the south central part of the town, at the west corner of Washington and Common Streets. A chiseled square, on the southeast corner of the second concrete step of house. September 1935.
- T.B.M. #133 266.68 feet
In the central part of the town, at the intersection of Washington and High Plain Streets; 76 feet southwest of High Plain Street and 65 feet northwest of Washington Street. A chiseled square, on the high point of a boulder in a field. November 1930.
- T.B.M. #230 233.14 feet
In South Walpole on the east side of Washington Street south of Water Street. A chiseled square, on the south corner of the granite step of house #1890 Washington Street. June 1935.
- T.B.M. #2284 153.22 feet
About 1 mile northwest of the center of the town, on the west side of the N.Y., N.H. & H. R.R. and 0.6 mile north of Elm Street. A chiseled cross, on top of broken milepost #49/21. May 1935.
- T.B.M. #2285 169.05 feet
In the center of the town, on the north side of Elm Street; 14 feet from the center line. A steel rivet, set on the top stone at north end of west abutment of bridge over the N.Y., N.H. & H. R.R. May 1935.
- T.B.M. #2286 201.61 feet
About 1.4 miles southwest of the center of the town, on an abandoned signal base (concrete) near junction of N.Y., N.H. & H. R.R. (Mansfield-Framingham Division and East Walpole-Wrentham Branch); 19.9 feet east of the east rail (Mansfield-Framingham Division) and 185 feet south of the south rail of branch tracks to Walpole. A chiseled square. June 1935.
- T.B.M. Neponset River #31 79.98 feet
In East Walpole, on the property of Hollingsworth and Vose Paper Company. A chiseled square, on the northwest corner of the north end of the west abutment of the north bridge over the Neponset River. August 1935.
- T.B.M. Neponset River #32 80.87 feet
In East Walpole, on the property of Hollingsworth and Vose Paper Company. A chiseled square, on the bank wall, at the northwest corner of the south bridge over the Neponset River north of the factory. August 1935.
- T.B.M. Neponset River #33 89.70 feet
In East Walpole, on the property of Hollingsworth and Vose Paper Company. A chiseled square, on the northwest corner of the concrete curb along the north edge of mill pond. August 1935.

WALPOLE Second Order Bench Marks (Continued)

T.B.M. Neponset River #34 102.69 feet
In East Walpole. A chiseled square, on the north wall at the west face of the dam of the Bird and Son Inc. mill pond. August 1935.

T.B.M. Neponset River #35 98.90 feet
In East Walpole, on the bridge carrying Washington Street over the Neponset River. A chiseled square, on the east edge of concrete wall, halfway between the two arches. August 1935.

T.B.M. Neponset River #36 120.92 feet
In the eastern part of Walpole, on the Plimpton Dam. A square-headed bolt, set on the east edge of the dam. August 1935.

T.B.M. Neponset River #37 125.75 feet
In the eastern part of Walpole, on the bridge carrying Plimpton Street over the Neponset River. A chiseled square, on the northwest end of the southwest concrete fence. August 1935.

T.B.M. Neponset River #37A 132.20 feet
About 1 1/2 miles northeast of Walpole Center, in the eastern part of the town, on the bridge carrying the N.Y., N.H. & H. R.R. (Midland Division) over Plimpton Street. A chiseled square, on the southwest corner of the northwest end of second course, on north granite abutment. August 1935.

T.B.M. Neponset River #38 140.54 feet
About 1 1/4 miles northeast of Walpole Center, on bridge #17.45 carrying the N.Y., N.H. & H. R.R. (Midland Division) over Neponset River. A chiseled square, on the southeast corner of the east end of the northeast abutment. August 1935.

T.B.M. Neponset River #38A 145.13 feet
About 1/2 mile northeast of Walpole Center, on bridge #18.10 carrying Kendall Street, over the N.Y., N.H. & H. R.R. (Midland Division). A chiseled square, on the northeast corner of the north end of the first course of the northwest abutment. August 1935.

T.B.M. Neponset River #39 131.66 feet
About 1/2 mile northeast of Walpole Center, on the bridge carrying Route #1A over the Neponset River. A chiseled square, on the center of the northeast post of the northwest concrete fence. August 1935.

T.B.M. Neponset River #40 133.46 feet
About 1/2 mile northeast of Walpole Center, on lane, opposite Kendall Street off of Route #1A. A chiseled square, on the south corner of the west wall of intake to small power plant of Plimpton Manufacturing Company. August 1935.

WALPOLE Second Order Bench Marks (Continued)

T.B.M. Neponset River #40B 158.84 feet
In the south plot of the common, which is east of Main Street and south of Walpole Street. The south corner of south projection of base of decorative fountain. No mark. September 1935.

T.B.M. Neponset River #42 151.55 feet
In the central part of Walpole, on the N.Y., N.H. & H. R.R. (Midland Division) on bridge #18.63 over the Neponset River and about 175 feet northeast of Route #27. A chiseled square, on the southeast corner of the southeast end of northeast abutment of bridge. September 1935.

T.B.M. Neponset River #44 143.98 feet
In Walpole Center, on the Walpole Street bridge over the Neponset River. A chiseled square, on the concrete wall, at the northwest corner of bridge. September 1935.

T.B.M. Neponset River #48 146.11 feet
In the central part of Walpole, on the West Street bridge over the Neponset River. A chiseled square, at the east end of concrete curb, on north side of bridge. September 1935.

T.B.M. Neponset River #49 151.34 feet
About 0.3 mile south of Walpole Square, on Main Street (Route #1A) bridge over Neponset River. A chiseled square, cut on concrete post, at northeast end of northwest wall of bridge. September 1935.

T.B.M. Neponset River #50 152.16 feet
About 1/4 mile south of Walpole Square, on the Lewis Avenue bridge over the Neponset River. A chiseled square, on concrete post at north end of wall of bridge. September 1935.

T.B.M. Neponset River #51 169.45 feet
In the central part of Walpole, on the South Street bridge over the Neponset River. A chiseled square, on the center of the east capstone. September 1935.

T.B.M. Neponset River #52 173.92 feet
About 1/2 mile south of Walpole Center, at the N.Y., N.H. & H. R.R. (Wrentham Branch) bridge over the Neponset River. A chiseled square, on the center of the east middle capstone. September 1935.

T.B.M. Neponset River #53 181.66 feet
About 0.9 mile southeast of Walpole Center, 600 feet southeast of South Street in the rear of #126. A chiseled square, on the south edge of dam, about 3 feet northwest of the northwest side of the spillway. September 1935.

WALPOLE Second Order Bench Marks (Continued)

- T.B.M. Neponset River #54 184.40 feet
About 1 mile south of Walpole Center, on private road leading in a southeast direction from South Street to and past Blackburn's house. A chiseled square, on the southeast corner of the southwest abutment of bridge over the Neponset River. September 1935.
- T.B.M. Neponset River #54A 184.48 feet
About 1 mile south of Walpole Center, on private road leading in a southeast direction from South Street, to and past Blackburn's house. A chiseled square, on the northwest corner of the northeast abutment of bridge over the Neponset River. September 1935.
- T.B.M. Neponset River #54B 203.83 feet
In the southern part of the town, on the north side of the N.Y., N.H. & H. R.R. (Wrentham Branch); 500 feet northeast of the Framingham Branch crossover, on the base of a semaphore. The southeast bolt. September 1935.
- T.B.M. Neponset River #55 182.71 feet
About 1 1/2 miles south of Walpole Center. A chiseled square, on the southeast end of the southwest head wall of culvert, which carries the Neponset River under South Street. September 1935.
- T.B.M. Neponset River #56 199.19 feet
About 0.4 mile northwest of South Walpole, on the east side of Neponset Street. A chiseled square, on the north side of canal wall at the intake to the Bird Machine Company. September 1935.
- T.B.M. Neponset River #57 221.19 feet
In South Walpole; about 500 feet west of the square on Summer Street. A chiseled square, on the southwest corner of the concrete retaining wall, at east side of culvert on south side of Summer Street. September 1935.
- T.B.M. Neponset River #58 223.74 feet
In South Walpole, about 0.1 mile south of center and about 40 feet south of culvert. A chiseled square, on retaining wall on east side of Washington Street. September 1935.
- T.B.M. Neponset River #59 233.87 feet
In South Walpole; about 1000 feet south of the square and about 200 feet east of Washington Street, near a foot bridge over the Neponset River. A chiseled square, on a large stone, in the west wall of the dam. September 1935.
- T.B.M. Neponset River #67 145.90 feet
In the center of the town, on the east side of the N.Y., N.H. & H. R.R. (Framingham Branch) on bridge #41.05 over Mine Brook, on the east wing wall of the south abutment. A chiseled square, on the top step. October 1935.

WALPOLE Second Order Bench Marks (Continued)

T.B.M. Neponset River #68 145.37 feet
About 1 mile northwest of Walpole Center, on the dam of the Milton Ice Company on Mine Brook. A chiseled square, on a large stone, projecting about 0.3 foot above concrete at south side of spillway. October 1935.

T.B.M. Neponset River #75A 161.80 feet
About 2 miles northeast of Walpole Center, on the bridge carrying Mylod Street over the N.Y., N.H. & H. R.R. (Midland Division). A chiseled square, on the southwest end of the southeast abutment of bridge. October 1935.

A10 131.52 feet
In East Walpole, at the southeast corner of the intersection of Washington and Union Streets; 109 feet east of stone bound at the southeast corner. An iron pin, set in the base of stone retaining wall. November 1934. Recovered in good condition May 1936.

E10 164.42 feet
In the center of the town, at the intersection of Common Street and Lewis Avenue. The northeast corner of the lowest step at the main entrance to the library. No mark. September 1935.

F10 156.95 feet
In the center of the town, on the east side of the common. The southeast corner of the top of base of fountain. No mark. May 1935.

G10 155.31 feet
In the center of the town, at the corner of Stone and Main Streets. The top of retaining wall at the west side of the steps leading to town hall. No mark. September 1935.

P10 240.44 feet
In the southern part of the town, on the N.Y., N.H. & H. R.R. (Wrentham Branch), at the Winter Street overpass. A chiseled square, on the northeast wing wall of bridge #7.55. November 1930.

Q10 199.54 feet
In the central part of the town, on the N.Y., N.H. & H. R.R. (Wrentham Branch). A chiseled square, on the northwest end of the fourth course of stone of southwest abutment of bridge #5.06 over South Street. September 1935.

X10 165.96 feet
Near the Walpole Heights station, on the N.Y., N.H. & H. R.R. (Wrentham Branch). A chiseled square, in the center of the top course of stone of the northeast abutment of bridge #4.02 over Stone Street. November 1930.

WALPOLE Second Order Bench Marks (Continued)

Y10 189.55 feet
 In the central part of the town, on the N.Y., N.H. & H. R.R. (Wrentham Branch). A chiseled square, on the north corner of the second course of stone of the east wing wall at bridge #3.49 (railroad under East Street). November 1930. Recovered in good condition May 1936.

Bench Marks at Water Supply Units

68H-6 186.10 feet
 One mile southeast of the town; 250 feet west of center line of Washington Street, at a point 1600 feet south of intersection of Common and Washington Streets; 13.8 feet north from southeast corner of pumping station and 82.1 feet west from center of fountain on lawn. A monel rivet, set in concrete on top of granite doorsill of pumping station, at easterly end of building and south end of sill. March 1936.

Ref. BM 68H-6A 193.12 feet
 A monel rivet, set on top of stone retaining wall; 18.8 feet south of center line of road leading to pumping station; 121.4 feet west of center line of Washington Street; 128 feet east of BM 68H-6 and 47.6 feet northeast of center of fountain on lawn.

Ref. BM 68H-6B 186.06 feet
 A monel rivet, set on top of west end of most westerly doorsill (to garage) of pumping station, on south side of building; 60.3 feet west of southeast corner of pumping station and 5.2 feet east of southwest end of brick pumping station.

68H-7 292.18 feet
 One and one-half miles east from the center of the town; 400 feet east of intersection of High Plains and Washington Streets; 145.7 feet south of center line of High Plains Street and 66.3 feet southwest of northwest corner of a wooden garage (single). A monel rivet, set on the north side of concrete foundation of most easterly of four standpipes (1 concrete, 3 steel). This standpipe is the largest in diameter of four. March 1936.

Ref. BM 68H-7A 292.16 feet
 A monel rivet, set in concrete foundation on manhole gate, on westerly side of largest standpipe; 5.9 feet south of a gate shut-off; 7 feet off face of tank; 3 feet west of center of manhole cover and 47.5 feet west of BM 68H-7.

Ref. BM 68H-7B 290.41 feet
 A monel rivet, 0.2 foot north of south face of northerly retaining wall of steps on gatehouse; 2.1 feet east of northeast corner; 96.6 feet south of east end of headstone on surface drain and 78.7 feet north of BM 68H-7.

WALPOLE Second Order Bench Marks at Water Supply Units (Continued)

- 68H-34 258.01 feet
About 2 miles south from the center of the town; 1000 feet northeast from intersection of Winter and Summer Streets; 45 feet west from center line of Summer Street and 121 feet south from southeast corner of cottage house, #93 Summer Street. A chiseled square, cut in top of granite pier, about 2 feet above ground. February 1937.
- Ref. BM 68H-34A 250.51 feet
A chisel cut, in top of granite bound, flush with the ground; 36 feet west from center line of Summer Street and 71.4 feet north from BM 68H-34.
- Ref. BM 68H-34B 249.83 feet
A chisel cut, in top of granite bound; 1.3 feet above the ground; 81 feet southwest from the southwest corner of cottage, #93 Summer Street and 106.6 feet west from BM 68H-34.
- 68H-35 234.44 feet
In West Walpole, near junction of Cedar, West, Kingsbury and Plain Streets; 158 feet west of center line of Kingsbury Street; 46.6 feet west of hydrant at tank and 37.7 feet west of westerly point of center line of dirt driveway to tank. A chiseled square, in the southeast front corner of concrete foundation of pile from water tank, 4 inches above the ground. February 1937.
- Ref. BM 68H-35A 234.10 feet
A chiseled square, in a concrete bound; 138.7 feet northeast of BM 68H-35 and 21.4 feet west of the center line of Kingsbury Street.
- Ref. BM 68H-35B 229.89 feet
A chiseled square, in a granite bound; 68 feet northeast of the center line of Plain Street; 25 feet west of center line of Kingsbury Street and 33.6 feet southeast of easterly end of stone wall.
- 68H-36 172.62 feet
About 1 mile west of the center of the town, at Norfolk and West Streets; 61 feet east of center line of Norfolk Street and 9.9 feet north of south corner of pump house. A chiseled square, in the south corner of the concrete step at the door of pump house, 0.55 foot above the ground, on the east side of Norfolk Street. February 1937.
- Ref. BM 68H-36A 177.54 feet
A chiseled square, in south corner of base of 6-inch step; 12.5 feet northeast of center line of Norfolk Street.
- Ref. BM 68H-36B 174.32 feet
A chiseled square, in a granite bound, 8 inches above the ground; 31 feet southwest of center line of Norfolk Street and 78 feet northwest from the northwest corner of house, #252 Norfolk Street.

WALPOLE Supplementary Data

	Elevation
<u>68H-6 WASHINGTON STREET PUMPING STATION</u>	
Pumping Station floor	182.22
Wells G.L. (141 driven - dia. 2 1/2 in., D. 35 to 60 ft.)	180.82
High water recorded April 1937	180.82
Low water recorded August 1936	175.82
<u>68H-7 HIGH PLAINS STANDPIPES</u>	
Top of foundation larger (Dia. 62 ft., Ht. 46 ft.)	292.27
Overflow (Capacity 1,000,000 gals.)	337.07
Top of foundation medium (Dia. 40 ft., Ht. 46 ft.)	292.19
Overflow (Capacity 500,000 gals.)	336.99
Top of foundation smaller (Dia. 25 ft., Ht. 45 ft.)	292.16
Overflow (Capacity 200,000 gals.)	336.96
<u>68H-34 SUMMER STREET WATER TANK</u>	
Rim of tank (Dia. 20 ft., Ht. 35 ft.)	337.01
Overflow (Capacity 100,000 gals.)	337.01
Bottom of tank bowl	296.51
Top of supporting piers	258.01
<u>68H-35 KINGSBURY STREET WATER TANK</u>	
Rim of tank (Dia. 40 ft., Ht. 20 ft.)	339.44
Overflow (Capacity 250,000 gals.)	339.44
Bottom of tank bowl	309.44
Top of supporting piers	234.44
<u>68H-36 NORFOLK STREET BOOSTER PUMPING STATION</u>	
Pumping station floor	172.62

The Walpole and Norwood water supply systems are interconnected through an 8-inch main.

WELLESLEY

First Order Bench Marks

T.B.M. #111 (B. & A. R.R.)(U.S.C. & G.S.) 160.679 feet
 About 1.9 miles west of Wellesley station, on the B. & A. R.R. on bridge #16.07, over a part of Morse Pond. A chiseled square, on the southeast corner of the easterly bridge seat, on south side of track. 1927.

T.B.M. #113 (Van Orden)(U.S.C. & G.S.) 140.370 feet
 On the B. & A.R.R., near Wellesley station. A drill hole, in the southwest corner of the second course of the north abutment of bridge #14.81 (Crest Road overpass). 1927. Recovered in good condition December 1936.

Y4 (U.S.C. & G.S.) 140.469 feet
 At Wellesley station of the B. & A. R.R.; 132 feet west of the west end of the station; 6 rails east of bridge #14.81 and 14.8 feet south of the south rail. A U.S.C. & G.S. standard bench mark disk, stamped "Y4-140.469-1927", set in a concrete monument, near the west end of the station platform. Recovered in good condition March 1937.

Z4 (U.S.C. & G.S.) 117.772 feet
 At the Wellesley Farms station of the B. & A. R.R.; 17.2 feet west of the west end of station and 14 feet south of the south rail. A U.S.C. & G.S. standard bench mark disk, stamped "Z4-117.772-1927", set in a concrete monument, south of asphalt sidewalk. Recovered in good condition February 1940.

M9BP 164.949 feet
 In Wellesley Hills, on Worcester Turnpike, in center of central grass plot; about 10 feet east of the east line of bridge over the B. & A. R.R. and 92.6 feet east of point of curb, turning from the north side of the turnpike to the east side of Cliff Road. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BP-164.949", set in a concrete monument, flush with the ground. May 1936. Recovered in good condition February 1940.

M9BQ 151.666 feet
 In Wellesley Hills, on the southerly side of Route #9 (Worcester Street) at intersection with Route #16; about 250 feet southwest of Wellesley Hills Square; 42.6 feet southwest of an electric light pole; 35.3 feet east of a hydrant; 15.1 feet east of a catch basin and 12.5 feet southeast of the south curb. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BQ-151.666", set in a concrete monument, flush with the ground. May 1936. Recovered in good condition February 1940.

WELLESLEY First Order Bench Marks (Continued)

M9BR 159.923 feet
 In Wellesley Hills, on the southeast side of Route #16, at the southeast corner of bridge over Route #9; 42 feet north of wooden guard rail fence, on north side of ramp to lower level; 10.7 feet southeast of east curb of Route #16 and 2.7 feet southwest from masonry post at end of iron guard rail on southeast side of bridge. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BR-159.923", set in granite block flush with sidewalk of lower level. May 1936. Recovered in good condition February 1940.

M9BS 170.611 feet
 In Wellesley Hills, on the Worcester Turnpike, in grass embankment on south side of highway; 168 feet east of the southwest abutment of bridge of Route #16 crossover; 48.8 feet north of the west corner of Wareland Road; 72.3 feet from east corner of this street; about 25.3 feet south of a stone retaining wall; 4 feet north of wooden guard rail fence and 2 feet below curb of Route #9 upper level. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BS-170.611". May 1936. Recovered in good condition February 1940.

M9BT 209.746 feet
 About 0.3 mile northeast of Wellesley Hills, on the north side of the Worcester Turnpike; 167.2 feet east of the east side of Oakland Street; 18 feet north of the curb line and 2.2 feet from the east end of stone wall, which is retaining wall for estate, #367. (Abreast of Highway Station 169+20 W). A U.S.C. & G.S. and State Survey standard disk, stamped "M9BT-209.746", set in a concrete monument, flush with the ground and level with top of wall. May 1936. Recovered in good condition February 1940.

M9BU 177.443 feet
 About 0.6 mile east of Wellesley Hills, at top of hill in the south sidewalk of the Worcester Turnpike, close to fence beside Academy of Assumption; 378 feet east of point of tangent of easterly corner of Bancroft Street; 90.1 feet south of a Massachusetts highway bound across highway; 59.8 feet west of lamp post; 22.1 feet north of two 16-inch ash trees and 9.9 feet south of curb. (At Highway Station 182 + 69). A U.S.C. & G.S. and State Survey standard disk, stamped "M9BU-177.443", set in a concrete monument, 3 inches above the ground. May 1936. Recovered in good condition February 1940.

M9BV 103.184 feet
 In the eastern part of Wellesley, in the center of central grass plot on Worcester Turnpike; 142.1 feet east of the center bridge pier of Cedar Street bridge and 4.4 feet from south curb of grass plot. (Abreast of Highway Station 225+75). A U.S.C. & G.S. and State Survey standard disk, stamped "M9BV-103.184", set in a concrete monument flush with the ground. May 1936. Recovered in good condition February 1940.

WELLESLEY First Order Bench Marks (Continued)

10A 127.151 feet
 About 0.3 mile east of Wellesley Center, at junction of Routes #16 and #135, where they branch off going toward Boston; 4.7 feet from the nearest curb; 86 feet from northwest corner and 86 feet from the southwest corner of the Thayer Arms Inn and 26.7 feet northeast from nearest sewer manhole on Route #135. A U.S.C. & G.S. and State Survey standard disk, stamped "10A", set in a concrete monument, 5 inches below ground and covered by a water valve box. November 1936.

10B 132.856 feet
 In Wellesley, on Route #135, in block with Wellesley Congregational Church near Grove Street; 44.5 feet southwest of sewer manhole #73; 5.8 feet from nearest curb and 53.4 feet northeast from flag pole in church yard. A U.S.C. & G.S. and State Survey standard disk, stamped "10B", set in a concrete monument, 5 inches below sidewalk and covered by a water valve box. November 1936.

10AC 140.765 feet
 On the southeast side of the B. & A. R.R.; 171.3 feet northeast of the Wellesley depot; 17.1 feet southeast of the south rail, on tangent of the south rail extended southwest. A U.S.C. & G.S. and State Survey standard disk, stamped "10AC", set in a concrete monument, flush with the ground. December 1936.

10AD 141.526 feet
 On the B. & A. R.R.; about 1220 feet west of the Wellesley depot; 410 feet east of bridge #15.03; 64.5 feet south of the south rail; 17.2 feet east of the northeast corner of the I.O.O.F. Hall and 149.5 feet west of the northwest corner of a building, occupied by the Wellesley Plumbing and Heating Company. A U.S.C. & G.S. and State Survey standard disk, stamped "10AD", set in a concrete monument, flush with the ground. December 1936.

10AE 150.917 feet
 About 1 mile west of Wellesley station, on the B. & A. R.R.; 3000 feet west of bridge #15.03; 19.6 feet north of the north rail of main line tracks, on tangent of south rail of third main line track to the south, extended westerly and 75.5 feet east of a switch stand. A U.S.C. & G.S. and State Survey standard disk, set in a concrete monument, on top of the bank, flush with the ground. December 1936.

10AF 157.551 feet
 About 1 mile west of Wellesley, on the B. & A. R.R.; about 1710 feet east of the Wellesley-Natick town line; 26 feet north of the north rail, on the tangent of the north rail extended easterly; 16.1 feet northwesterly from the nearer of the two rail support posts and 28.7 feet northwesterly from the further of these posts. A U.S.C. & G.S. and State Survey standard disk, set in a concrete monument, 2 inches above the ground. December 1936.

WELLESLEY First Order Bench Marks (Continued)

24B 137,288 feet
On the B. & A. R.R.; about 739 feet south of the south post supporting the canopy of the Wellesley Hills railroad station; 87.7 feet north of the northwest corner of the east abutment of Forest Street overpass and 9 feet southeast of the southeast rail. A U.S.C. & G.S. and State Survey standard disk, stamped "24B", set in a concrete monument, the top of which is 3 inches above the ground. December 1936.

24C 112.693 feet
On the B. & A. R.R.; 250 feet northeast of the north face of the Wellesley Farms station; 104.4 feet north of Glen Road; 14.5 feet south of center of concrete base for bridge warning and 10.9 feet southeast of the southeast rail of the easterly track. A U.S.C. & G.S. and State Survey standard disk, stamped "24C-112.693", set in a concrete monument, the top of which is 3 inches above the ground. May 1936. Recovered in good condition February 1940.

28Z 132.791 feet
In the eastern part of Wellesley Center, on the south side of Route #135 (Wellesley Avenue); 38 feet northeast of the northeast corner of house, #15 Wellesley Avenue; 27 feet west of the center line of Dexter Road and 17.4 feet south of the center line of Wellesley Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28Z", set in a concrete monument, the top of which is one inch below the ground. November 1936.

M128AZ 72.417 feet
In the extreme eastern part of Wellesley, in the triangular grass plot at the junction of Route #9 (Worcester Turnpike) and Route #128 cutoff and 4.8 feet in from the curbing on the corner. (At Station 2+20, Wellesley 1931 layout). A U.S.C. & G.S. and State Survey standard disk, stamped "M128AZ-72.417", set in a concrete monument flush with the ground. May 1936. Recovered in good condition February 1940.

D12 155.555 feet
At Wellesley Hills Center. A chiseled square, on the northeast corner of east doorsill of Campanile, called the "clock tower". May 1936.

AA12 162.749 feet
At Wellesley Hills. A Mass. Dept. of Public Works standard bench mark disk, stamped "AA12-162.749", set in the top of the north wing wall of the east abutment of Route #9 bridge over the B. & A. R.R. May 1936. Recovered in good condition February 1940.

WELLESLEY Second Order Bench Marks

M9BH 165.16 feet
 About 1 1/4 miles northwest of Wellesley Center, in the central grass plot of the Worcester Turnpike (Route #9); 63.5 feet northwest of the east end of granite wall of south abutment of Weston Road overpass; 62.8 feet west of the west corner of triangular grass plot at north-east approach to Weston Road; 34.9 feet southeast of a catch basin and 4.5 feet north of the south curb of grass plot. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BH", set in a concrete monument, flush with the ground. September 1936.

M9BJ 163.42 feet
 About 1 mile northwest of Wellesley Center, in central grass plot on Worcester Turnpike; 266.2 feet east of the east range of Alhambra Road and 4 feet and 4.4 feet respectively, from the south and north curbs of the grass plot. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BJ", set in a concrete monument, flush with the ground. September 1936.

M9BK 149.04 feet
 About 1 mile north of Wellesley Center, on the south side of Route #9, in a grass plot; 444 feet southeast of the center line of School Street; 36.5 feet southeast of a telephone pole; 2.5 feet south of the south edge of concrete highway surface; 6.5 feet north of guard rail and 112.6 feet northwest of the northwest corner of a house. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BK", set in a concrete monument, flush with the ground. September 1936.

M9BL 170.50 feet
 About 1 mile northeast of Wellesley Center, in the central grass plot of the Worcester Turnpike (Route #9); 628 feet east of Audubon Road; 428 feet east of east end of crossover; 21.6 feet south of north curb and 15.7 feet north of south curb. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BL", set in a concrete monument, flush with the ground. September 1936.

M9BM 201.52 feet
 About 1 1/4 miles northeast of Wellesley Center, in the grass plot of sidewalk, on southeast side of Worcester Turnpike (Route #9); 261 feet southwest of southwest range of Edmunds Road; 36.5 feet and 38.6 feet respectively, from ends of northeast and southwest sections of central grass plots at crossover and 2.3 feet southeast of curb. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BM", set in a concrete monument, flush with the ground. September 1936.

M9BN 194.64 feet
 About 1 1/2 miles northeast of Wellesley Center, in the central grass plot of the Worcester Turnpike (Route #9); 7.6 feet southwest of the east end of grass plot at crossover opposite Bradford Road; 2.4 feet south of the north curb and 2.7 feet north of the south curb. A

WELLESLEY Second Order Bench Marks (Continued)

U.S.C. & G.S. and State Survey standard disk, stamped "M9BN", set in a concrete monument flush with the ground. September 1936.

M9BNW

129.72 feet

In the extreme western part of Wellesley, on the north side of the Worcester Turnpike (Route #9), on the Natick-Wellesley town line; 74.8 feet northeast of center of west curb of crossover opposite Grove Road; 5.1 feet southeast of southeast corner of brick building and 0.4 foot from east end of granolithic sidewalk and about on the center line of Grove Road extended. A U.S.C. & G.S. and State Survey standard disk, stamped "M9BNW", set in a concrete Massachusetts highway bound, the top of which is 6 inches above the ground. September 1936.

10D

146.97 feet

About 1/2 mile west of Wellesley Center, on the Wellesley College grounds; 214 feet northeast of the northeast corner of Munger Hall and 37.6 feet south of the south side of Route #135. A U.S.C. & G.S. and State Survey standard disk, stamped "10D", set in a concrete monument, 2 inches above the surface of the ground. August 1934. Recovered in good condition October 1936.

10E

161.63 feet

About 0.8 mile west of Wellesley Center, on the Wellesley College grounds; 69 feet northwest of the northwest corner of Cazenove Hall and 26.3 feet south of the south curb of Route #135. A U.S.C. & G.S. and State Survey standard disk, stamped "10E", set in a concrete monument, 2 inches above the ground. August 1934. Recovered in good condition October 1936.

10DD

156.01 feet

About 1/2 mile west of Wellesley Center, on the Wellesley College grounds; 10.7 feet southwest of entrance to Astronomical Observatory; 15.5 feet from the southwest corner of the same building and 33.6 feet northwest from a sun dial. A U.S.C. & G.S. and State Survey standard disk, stamped "10DD", set in a concrete monument, 2 inches above the ground. August 1934. Recovered in good condition October 1936.

28W

179.78 feet

About 1 1/4 miles southeast of Wellesley Center, on the north side of Route #135 (Great Plain Avenue); 581 feet northwest of the Wellesley-Needham town boundary line; 78 feet northeast from 12-inch elm tree; 33 feet west from 10-inch elm tree; 3 feet south of stone fence and 30.3 feet north of center line of Route #135 (Great Plain Avenue). A Mass. Dept. of Public Works standard traverse disk, stamped "28W", set in ledge outcrop, about 7 feet above the surface of the street. March 1937.

WELLESLEY Second Order Bench Marks (Continued)

28X 135.27 feet
 About 1 mile southeast of Wellesley Center, on the southwest side of Route #135 (Great Plain Avenue); 116 feet southeast of the center line of Brook Street; 78 feet southeast of a Massachusetts highway bound, near the corner of Brook Street and Great Plain Avenue and 22 feet southwest of the center line of Great Plain Avenue. A Mass. Dept. of Public Works standard traverse disk, stamped "28X", set in a concrete monument, 2 inches below the ground. March 1937.

28Y 138.16 feet
 About 1/2 mile east of Wellesley Center, on the north side of Wellesley Avenue; 229 feet east of the center line of Seaver Street; 54.3 feet southeast of the southeast corner of house, #102; 14.3 feet north of the center line of Wellesley Avenue; 18.7 feet northeast of a manhole and 26.8 feet north of a tel. pole. A Mass. Dept. of Public Works standard traverse disk, stamped "28Y", set in a concrete monument, the top of which is 2 inches above the ground. March 1937.

28BB 183.64 feet
 About 1 mile south of Wellesley Center, on the east side of Grove Street; 39.3 feet north of center line of Kenilworth Street; 14.8 feet east of center line of Grove Street and 50.9 feet northwest from southeast stone monument at Kenilworth and Grove Streets. A Mass. Dept. of Public Works standard traverse disk, stamped "28BB", set in a concrete monument, flush with the ground. March 1937.

T.B.M. #4037 162.31 feet
 About 0.8 mile south of Wellesley Center, on the west side of Grove Street at the intersection of Benvenue Street; 64.3 feet northeast of the northeast corner of the house, #179 Grove Street; 19.4 feet south of the center line of Benvenue Street and 28.2 feet west of the center line of Grove Street. A chiseled square, cut in granite lot bound, the top of which is two inches above the ground. October 1936.

T.B.M. #4038 133.88 feet
 About 0.6 mile south of Wellesley Center, on the east side of Grove Street, at the intersection of Vincent Street (a private way); 24 feet east of the center line of Grove Street; 22 feet north of the center line of Vincent Street; 16.5 feet northwest of a hydrant and 9.3 feet east of the center of a drain grating in the gutter of Grove Street. A chiseled square, cut in a granite highway bound, the top of which is flush with the macadam sidewalk. October 1936.

G12 167.59 feet
 In the northwestern part of Wellesley, on the Worcester Turnpike bridge over Weston Road. A copper plug set in the capstone at east end of south parapet wall. September 1936.

WELLESLEY Second Order Bench Marks (Continued)

AB12 168.11 feet
 In the northwestern part of Wellesley, on the Worcester Turnpike bridge over Weston Road. A Mass. Dept. of Public Works standard bench mark disk, stamped "AB12", set in the east end of the north parapet. September 1936.

T.B.M. Charles River #54 77.71 feet
 In the northeastern part of Wellesley; about 2000 feet south of Washington Street in Newton. A chiseled square, in the center of the top of the granite capstone of the north granite wall of the three stone arch type bridge over the Charles River. (Center of bridge is boundary between Wellesley and Newton). June 1935.

T.B.M. Charles River #55 75.48 feet
 In the northeastern part of Wellesley; about 302 feet south of the intersection of Washington Street at Newton Lower Falls. A chiseled square, in the top of stone bridge wall of the Whales Street bridge over the Charles River and 11.2 feet north of the south end of the west (downstream) stone abutment. June 1935.

T.B.M. Charles River #92 118.73 feet
 In the extreme southwestern part of Wellesley, near the Natick line on Route #16, on the private property of the Cheney estate, which is just northeast of the intersection of Route #16 (Washington and Shaler Streets); 448 feet southeast of Washington Street, along the private gravel path leading to the main house. A chiseled square, in the center and top of the extreme northwest granite post of the Cheney bridge. November 1935.

T.B.M. Charles River #103 49.07 feet
 In the northeastern part of Wellesley, at Newton Lower Falls; about 800 feet below Cordingley Dam. A spike, set on the southeast end of old wooden dam. June 1935.

Bench Marks at Water Supply Units

68E-66 323.86 feet
 About 1/2 mile southeast of Wellesley Hill Square, via Washington Street, Maugus Avenue and driveway to hill, where station is on northwest end of stone doorsill of brick gatehouse, on top of lower covered reservoir on Maugus Hill. A chiseled square. October 1937.

Ref. BM 68E-66A 331.09 feet
 A chiseled square, on south end of stone doorsill of brick gatehouse, on top of Upper Reservoir on Maugus Hill.

WELLESLEY Second Order Bench Marks at Water Supply Units (Continued)

- Ref. BM 68E-66B 317.49 feet
A chiseled square, on top of southeast corner of stone bound at southwest corner of Water Department land; 108.7 feet southwest of BM 68E-66A and 245.5 feet south of BM 68E-66.
- 68E-67 65.85 feet
About 2.7 miles northeast of Wellesley Square, in northeast part of Wellesley, on stone sill of porch of entrance, on northwest side of Cedar Street pumping station No. 1, off Cedar Street and north of Worcester Turnpike. A chiseled square. October 1937.
- Ref. BM 68E-67A 65.55 feet
A chiseled square, on north corner of stone slab, on top of gate chamber; 21.9 feet southeast of west corner and 11.2 feet southwest of south corner of Cedar Street pumping station No. 1.
- Ref. BM 68E-67B 63.48 feet
A chiseled square, on northeast end of granite sill of door on southeast side of Cedar Street pumping station No. 1.
- 68E-68 84.50 feet
About 2.3 miles east of Wellesley Square, in southeast part of Wellesley, on south side of Wellesley Avenue; 150 feet east of Brookside Road. A monel rivet, set in sill of building south of east door of pumping station No. 2. October 1937.
- Ref. BM 68E-68A 84.74 feet
A monel rivet, set in east end of sill of south door of pumping station No. 3, on north side of pumping station No. 2.
- Ref. BM 68E-68B 100.83 feet
A chiseled square, on top of northeast corner of stone bound at southeast corner of Wellesley Avenue and drive to pumping stations No. 2 and No. 3; 6.3 feet southeast of telephone pole; 22.8 feet south of center line of Wellesley Avenue and 15.7 feet east of center line of drive.
- 68E-69 337.10 feet
About 2 miles northwest of Wellesley Hills Square, via Worcester Turnpike, Cliff Road, Pierce Avenue and Monadnock Road, top of Pierce Hill Reservoir. A monel rivet, set on top of northwest corner of square manhole. October 1937.
- Ref. BM 68E-69A 312.69 feet
A chiseled square, on large ledge; 196 feet west of manhole on reservoir and 60 feet west of center line of drive.
- Ref. BM 68E-69B 307.03 feet
A chiseled square, on large ledge; 55 feet west of drive to Pierce Hill Reservoir and 244 feet north of center line of Monadnock Road.

WELLESLEY Supplementary Data

	Elevation
<u>68E-66 MAUGUS HILL COVERED RESERVOIRS</u>	
Reservoir manhole (Dia. 81.25 ft., D. 20 ft.)	330.97
Overflow (Capacity 609,350 gals.)	326.84
Reservoir manhole top (133.5 ft. square, D. 20 ft.)	323.74
bottom 73.5 feet square	
Overflow (Capacity 1,360,900 gals.)	321.98
 <u>68E-67 CEDAR STREET PUMPING STATION NO. 1</u>	
Pumping station floor	66.45
Collecting well top	65.55
Infiltration gallery bottom, Length 63 ft.	42.75
Williams Spring well top (Dia. 25 ft., D. 40 ft.)	73.38
Wells G.L. (49 driven, Dia. 2 1/2 in., D. 35-40 ft.)	67.18
Seasonal variations in water level unrecorded	
 <u>68E-68 WELLESLEY AVENUE PUMPING STATIONS NOS. 2 & 3</u>	
No. 2 Pumping station floor	67.70
Dug well top (Dia. 25 ft., D. 46 ft.)	88.21
No. 3 Pumping station floor	84.09
Driven well top (Dia. 10 in., D. 30.75 ft.)	84.48
Seasonal variations in water levels unrecorded	
 <u>68E-69 PIERCE HILL COVERED RESERVOIR</u>	
Reservoir manhole (Dia. 100 ft., D. 23 ft.)	337.10
Overflow (Capacity 1,120,000 gals.)	333.10

Wellesley is connected with Natick through one 6-inch and one 10-inch main, with Needham through one 6-inch and one 8-inch main, with Newton through one 6-inch main and with Weston through one 6-inch main.

WESTWOOD

First Order Bench Marks

M1BD 97.135 feet
 In the northern part of the town, on the west side of the Providence Turnpike (Route #1); 29 feet west of the edge of concrete surface (at Station 49 + 40 Westwood, 1932 layout); 29.7 feet north of a chiseled cross on rocks; 25.6 feet north of pole #78-7; 712 feet south of the Dedham-Westwood line and 1144 feet south of Route #128. A U.S.C. & G.S. and State Survey standard disk, stamped "M1BD-97.135", set in a concrete monument flush with the ground. June 1936. Recovered in good condition February 1940.

15G 123.736 feet
 About 1/4 mile north of Islington, on the northeast side of Route #128, on concrete sidewalk of bridge over the N.Y., N.H. & H. R.R.; 2000 feet southeast of Route #1; 950 feet southeast of Dedham line; 67.7 feet southeast of northeast edge and 67.9 feet northwest of the southeast edge of sidewalk and 3.1 feet southwest of face of parapet railing. A U.S.C. & G.S. and State Survey standard disk, stamped "15G-123.736", set flush with walk. June 1936. Recovered in good condition February 1940.

M128J 71.257 feet
 In the northeastern corner of the town, on Route #128, on the southwest sidewalk of bridge over the N.Y., N.H. & H. R.R. (Providence Division) over the center of the double tracks; 3.9 feet northeast from the balustrade and 2.5 feet southwest of face of curb. A U.S.C. & G.S. and State Survey standard disk, stamped "M128J-71.257", set flush in concrete walk. July 1936. Recovered in good condition February 1940.

M128K 64.443 feet
 In the northeastern part of the town, in a triangular grass plot at the junction of Route #128 and Green Lodge Street; 748 feet northwest of entrance to Green Lodge Dairy Farm; 48.5 feet east of a manhole; 94.3 feet southeast of back center of a catch basin; 69.8 feet northeast of back of a culvert, on southwest side of Route #128 and 3.6 feet southwest of northeast curb of grass plot. A chiseled square, in a concrete Massachusetts highway bound, about 4 inches above the ground. June 1936.

M128L 140.839 feet
 In the northeastern part of the town, on Route #128; 570 feet east of Overlook Avenue (at Station 58 + 00.5, Westwood 1931 layout); 13.1 feet southeast of a Massachusetts highway bound; 74.9 feet southwest of a Massachusetts highway bound, opposite marking points of curve and 5.6 feet northeast of a stock fence. A U.S.C. & G.S. and State Survey standard disk, stamped "M128L-140.839", set in a concrete monument, 3 inches above the ground. June 1936. Recovered in good condition February 1940.

WESTWOOD First Order Bench Marks (Continued)M128M

142.896 feet

In the northeastern part of the town, on the north side of Route #128; 33 feet from center line; 120 feet southeast of Overlook Avenue (at Station 62 + 80, Westwood 1931 layout) and 100 feet south-east of a manhole. A U.S.C. & G.S. and State Survey standard disk, stamped "M128M-142.896", set in high point of ledge outcrop, about 8 feet above the highway. June 1936. Recovered in good condition February 1940.

M128N

138.395 feet

In the northeastern part of the town, on the southwest corner of Route #128 and Canton Street (at Station 77 + 62.75, Westwood 1931 layout); 93.4 feet northwest of a Massachusetts highway bound, on the west side of Canton Street and 64.9 feet from last post of a guard rail fence. A U.S.C. & G.S. and State Survey standard disk, stamped "M128N-138.395", set in a Massachusetts highway bound, 4 inches above the ground. June 1936. Recovered in good condition February 1940.

M128S

240.759 feet

In the northern part of the town, on the south side of Route #128; 38.4 feet from center line; 4430 feet west of Washington Street (at Station 8 + 52, Westwood 1931 layout); 273.7 feet east of capstone of concrete portal of pipe culvert, on south side of road and 14.6 feet northeast of a 6-inch pine tree. A U.S.C. & G.S. and State Survey standard disk, stamped "M128S-240.759", set in high point of ledge, 10 feet above roadway. June 1936. Recovered in good condition February 1940.

M128T

216.935 feet

In the northern part of the town, on the southwest side of Route #128; 43 feet from the center line; 1949 feet southeast of High Street (Route #109) (at Station 17 + 83, Westwood 1931 layout) and 130.8 feet south from a Massachusetts highway bound, on the northeast side of the road. A U.S.C. & G.S. and State Survey standard disk, stamped "M128T-216.935", set in a high ledge, 20 feet above roadway. June 1936. Recovered in good condition February 1940.

M128RA

193.541 feet

In the northern part of the town, on the south side of Route #128; 40 feet from center line (at Station 54+85, Dedham 1931 layout); 3335 feet west of Washington Street (Route #1A), on the Dedham line and 26.6 feet southeast of the last guard rail post. A U.S.C. & G.S. and State Survey standard disk, stamped "M128RA-193.541", set in a concrete Massachusetts highway bound, 10 inches above the ground. June 1936. Recovered in good condition February 1940.

WESTWOOD First Order Bench Marks (Continued)

M128TA 165.577 feet
 In the northwestern part of the town, on the west side of Route #128; 40 feet from the center line (at Station 00 + 90, Westwood 1931 layout), on the Westwood-Dedham line; about 964 feet southeast of High Street (Route #109) and 90 feet north of a Massachusetts highway bound. A U.S.C. & G.S. and State Survey standard disk, stamped "M128TA-165.577", set in a concrete Massachusetts highway bound, 6 inches above the ground. June 1936. Recovered in good condition February 1940.

M128H1A 57.795 feet
 In the northeastern part of the town, on the north side of Route #128; 40 feet from the center line (at Station 1+89.0, Westwood 1931 layout), on the Dedham-Westwood line; 248 feet east of highway bridge over the N.Y., N.H. & H. R.R. (Providence Division). A U.S.C. & G.S. and State Survey standard disk, stamped "M128H1A-57.795", set in a concrete Massachusetts highway bound, 10 inches above the ground. June 1936. Recovered in good condition February 1940.

M128-15GA 96.568 feet
 In the northeastern part of the town, on the south side of Route #128 (at Station 0+90, Dedham 1931 layout) and about 740 feet east of the intersection with Route #1, on the Westwood-Dedham line. A U.S.C. & G.S. and State Survey standard disk, stamped "M128-15GA-96.568", set in a concrete Massachusetts highway bound, 10 inches above the ground. June 1936. Recovered in good condition February 1940.

Second Order Bench Marks

M1BE 82.22 feet
 In the center of the town, on the east side of the Providence Turnpike (Route #1) (at Station 27+78, Westwood 1932 layout), on the southeast corner; 21 feet from the center of East Street; 60.5 feet north of the north end of a concrete header of a culvert and 15.6 feet southwest of stop signal post. A U.S.C. & G.S. and State Survey standard disk, stamped "M1BE", set in a concrete monument flush with the ground. March 1935.

M1BF 78.21 feet
 In the center of the town, on the east side of the Providence Turnpike (Route #1) (at Station 8+25, Westwood 1932 layout); 44.2 feet from the center line; 825 feet north of the Norwood-Westwood line and 104.8 feet northwest of the northwest corner of a gas station. A U.S.C. & G.S. and State Survey standard disk, stamped "M1BF", set in a concrete monument, flush with the ground. March 1935.

WESTWOOD Second Order Bench Marks (Continued)

T.B.M. #135 99.84 feet
 In the northern part of Islington, on the south side of the N.Y., N.H. & H. R.R. A chiseled square, on the granite footing, on the west corner of south abutment of bridge #11.57 under Elm Street. July 1930.

U10 102.60 feet
 In the center of Islington, on the southeast side of the N.Y., N.H. & H. R.R. A chiseled square, on the east corner of the southwest seat of bridge #12.22 over East Street. June 1930.

AA10 85.53 feet
 In the center of Islington, on the east side of Providence Turnpike (Route #1). A Mass. Dept. of Public Works standard traverse disk, stamped "AA10", set in the face of the north wing wall of the N.Y., N.H. & H. R.R. overpass bridge #11.89 and 27 feet from the north end. February 1935.

AC10 74.12 feet
 In the southern part of Islington, on the southeast side of Providence Turnpike (Route #1) at Westwood-Norwood line. A Mass. Dept. of Public Works standard disk, stamped "AC10", set in the northeast end of the head wall of gravel conveyor tunnel. January 1934.

Bench Marks at Water Supply Units

68E-28 188.32 feet
 About 2 miles south of the town hall, on Pond Street, on the bank of Buckmaster Pond; about 1100 feet from the intersection of Clapboard-tree and Pond Streets; 350 feet from the intersection of Oak and Pond Streets; 87.5 feet north of center line of Pond Street and 15.6 feet south of northwest corner of pumping station. A monel rivet, set on doorsill, on the south end of north entrance on west side of pumping station, 1 foot above the ground. June 1936.

Ref. BM 68E-28A 191.22 feet
 A monel rivet, set on the most southerly wall at the west end of filter beds; 35 feet north of the center line of Pond Street; 84 feet southeast of the southeast corner of pumping station and 48.5 feet south of south side of aerator.

Ref. BM 68E-28B 191.07 feet
 A monel rivet, set on the westerly wall of filter beds, at the gate (in fence); 50.5 feet south of the northwest corner of wall; 43 feet

WESTWOOD Second Order Bench Marks at Water Supply Units (Continued)

east of the northeast corner of pumping station and 77.9 feet north of north side of aerator.

This pumping station is a part of the Dedham water supply system. See DEDHAM for supplementary data.

68E-36 79.70 feet
About 1 3/4 miles east of Islington post office; 350 feet southwest of the center line of intersection of Providence Turnpike and East Street; 87.5 feet southeast of a transformer pole in field; 57.4 feet west of a well (pipe) and 5.3 feet north of southeast corner of Dean's pumping station. A monel rivet, set on top of stone foundation on the easterly side, on the inside of building. July 1936.

Ref. BM 68E-36A 76.89 feet
A monel rivet, set on top of north end of concrete headwall of the culvert under Providence Turnpike; about 244.6 feet south of the center line intersection of East Street and the turnpike; 39.7 feet west of center line of turnpike and 157.5 feet east of BM 68E-36.

Ref. BM 68E-36B 85.60 feet
A monel rivet, set on top of the west end of the second concrete step-up, on flight of 15 steps to house, on the north side of East Street; about 345 feet west of center line intersection of East Street and the turnpike; 36.5 feet north of center line of East Street; 253.9 feet northwest of northeast corner of pumping station and 409.9 feet northwest of BM 68E-36A.

68E-37 311.86 feet
About 3/4 mile northeast of the library, on top of Fox Hill, 0.4 mile southeast of center line intersection of High and Fox Hill Streets; 0.6 mile north of center line of intersection of Gay and Fox Hill Streets; 327 feet southwest of center line of Fox Hill Street, along private road to Fox Hill standpipe. A monel rivet, set on concrete foundation of manhole, on the northerly side of tank, 80 feet above the ground. June 1936.

Ref. BM 68E-37A 311.28 feet
A monel rivet, set in base rock of stone wall which parallels private road, about 1 foot above the ground; 300 feet southwest from center line of Fox Hill Street along private road; 30.8 feet north of BM 68E-37 and 36.5 feet north of center line of anchor bolt, on north side of tank. Stone wall is 20.6 feet west of BM 68E-37.

Ref. BM 68E-37B 311.63 feet
A monel rivet, set on top of ledge outcrop, about 0.2 foot above

WESTWOOD Second Order Bench Marks at Water Supply Units (Continued)

ground; 32.6 feet east of BM 68E-37; 22.1 feet northeast of anchor bolt, on east side of tank and 48.8 feet southeast of BM 68E-37A.

This pumping station is a part of the Dedham water supply system. See DEDHAM for supplementary data.

68E-54 198.71 feet
About 0.4 mile west of Islington railroad station; about 600 feet west of Parker Street and about 1500 feet north of Dean Street. To reach bench mark by auto from Islington station, proceed south to East Street, turn right and follow to Washington Street; turn right and drive to Dean Street, turn left and continue to Parker Street and follow to property #56, on the left. The remaining distance, west, will be made on foot through the woods. A chiseled square, on a ledge outcrop, 2.7 feet west of northern wooden tank. February 1937.

Ref. BM 68E-54A 195.61 feet
A chiseled square, on a ledge outcrop; 32 feet south of BM 68E-54 and 43 feet west of BM 68E-54B.

Ref. BM 68E-54B 196.77 feet
A chiseled square, on a ledge outcrop; 7.5 feet southeast of southern wooden tank and 43 feet east of BM 68E-54A.

68E-55 147.19 feet
About 0.4 mile west of Islington railroad station, at the western dead end of Dean Street. To reach bench mark from Islington station, proceed south, turn right into East Street, right into Washington Street and left into Dean Street; continue west to the street end. A chiseled square, on a boulder, 0.8 foot above the ground, west of stone wall and 22 feet north of north end of Boston pump house. February 1937.

Ref. BM 68E-55A 150.05 feet
A chiseled square, on a boulder, 1.5 feet above the ground; 60 feet northeast of BM 68E-55 and 65 feet northeast of BM 68E-55B.

Ref. BM 68E-55B 146.52 feet
A chiseled square, on a boulder, 2 feet above the ground; 50 feet south of BM 68E-55 and 65 feet southeast of BM 68E-55A.

This pumping station is a part of the Dedham water supply system. See DEDHAM for supplementary data.

68E-76 188.15 feet
In the western part of Norwood; about 800 feet northeast of the Dover

WESTWOOD Second Order Bench Marks at Water Supply Units (Continued)

line, on the southwest side of Dover Street. To reach from junction of Route #128 (Circumferential Highway) and Route #109 (High Street), proceed southwest on High Street, 1.3 miles to Dover Street; thence 0.5 mile to pumping station. A chiseled square, on northeast end of northeast doorsill of Dover Street pumping station, on edge of Rock Meadow Brook, 350 feet southeast of Dover Street. October 1937.

Ref. BM 68E-76A 192.21 feet
A chiseled square, on a boulder; 47.4 feet south of the west corner and 52 feet southwest of the east corner of Dover Street pumping station.

Ref. BM 68E-76B 192.88 feet
A chiseled square, on stone bound; 22.5 feet southeast of the center line of Dover Street; 78 feet northeast of the center line of driveway to Dover Street pumping station and 330.5 feet northwest of north corner of pumping station.

This pumping station is a part of the Dedham water supply system. See DEDHAM for supplementary data.

Supplementary Data

	Elevation
68E-36 <u>DEAN PUMPING STATION</u> (Islington)	
Pumping station floor	75.54
Wells G.L. (4 driven 2 1/2 in., D. ft.)	75.45
Seasonal variations in water level unavailable	
68E-54 <u>DEAN STANDPIPE</u> (Islington)	
Top of foundation (Two wooden tanks dia. 16 ft., Ht. 15.5 ft.)	200.88
Overflow (Capacity 45,000 gals.)	216.18

The town of Westwood is supplied by the Dedham Water Company except the community of Islington which is supplied by the Dean Water Company. See DEDHAM for supplementary data.

WEYMOUTH

First Order Bench Marks

13Q 141.149 feet
About 1.4 miles northwest of South Weymouth station, on the N.Y., N.H. & H. R.R. (Plymouth Branch); 2800 feet northwest of Columbian Street (Route #128); 1032 feet southeast of the center line of West Street crossing (distance measured along northeast rail) and 6 feet north-east of the northeast rail. A U.S.C. & G.S. and State Survey standard disk, stamped "13Q-141.149", set in a concrete monument, the top of which is 3 inches above the ground. August 1936. Recovered in good condition February, 1940.

13R 163.868 feet
About 0.8 mile northwest of South Weymouth station, at the in-tersection of Route #128 and the N.Y., N.H. & H. R.R. (Plymouth Branch). A U.S.C. & G.S. and State Survey disk, stamped "13R-163.868", set in the south end of the east abutment of Route #128 bridge, 2 feet south of south edge of road and 1 foot east of west edge of abutment. August 1936. Recovered in good condition February 1940.

13AB 142.802 feet
In South Weymouth, on the west side of the N.Y., N.H. & H.R.R. (Plymouth Branch); 18 feet north of center line of Randolph Street grade cross-ing; 28 feet west of west rail of the south bound track; 800 feet north of the north side extended of the South Weymouth railroad station; 844 feet west of Pond Street and 14 feet northwest of a beam post (crossing signal). A U.S.C. & G.S. and State Survey standard disk, stamped "13AB-142.802", set in a concrete monument, 4 inches above the ground. August 1936. Recovered in good condition February 1940.

13A1 161.822 feet
About 1.2 miles southeast of South Weymouth station, on the N.Y., N.H. & H. R.R. (Plymouth Branch); 1250 feet south of the center line of Route #18 overpass; 350 feet north of the north side of a private crossing; 91.7 feet southeast of and 78.8 feet northeast of two tel-ephone poles, both on west side of tracks and 20.8 feet east of east rail. A U.S.C. & G.S. and State Survey standard disk, stamped "13A1-161.822", set in a concrete monument about 6 inches above the ground. March 1937. Recovered in good condition February 1940.

85AM 35.284 feet
In the extreme northeastern part of Weymouth, on the south side of Bridge Street (Route #3A); 1480 feet east of center line of Neck Street; 948 feet west of center of bridge over Weymouth Back River; 83 feet southwest of pole #88; 60 feet southeast of pole #87; 23 feet northeast of a twelve-inch maple; 18 feet northwest of a 16-inch elm tree; 22 feet south of the center line of highway and 2.5 feet north of the center line of macadam sidewalk. A Mass. Dept. of Public

WEYMOUTH First Order Bench Marks (Continued)

Works standard traverse disk, stamped "85AM-35.284", set in a concrete monument flush with the ground. September 1936. Recovered in good condition February 1940.

85AN

21.348 feet

In the northern part of Weymouth, on the north side of Bridge Street Route #3A; 150 feet west of the center line of Neck Street; 90 feet west of a hydrant; 50 feet east of east end of wall in front of Catholic Church; 22 feet north of the center line of highway; 4.5 feet east of pole #73 and 4 feet south of center of macadam sidewalk. A Mass. Dept. of Public Works standard traverse disk, stamped "85AN-21.348", set in a concrete monument the top of which is 2 inches below ground. (Abreast of Highway Station 69+15). September 1936. Recovered in good condition February 1940.

85AP

38.792 feet

In the northern part of Weymouth, on south side of Bridge Street (Route #3A); 709 feet west of center line of Athens Street; 22 feet south of center line of Bridge Street; 7 feet southwest of catch basin, on south side of Bridge Street; 63 feet southwest of pole #56, on north side of Bridge Street; 40.5 feet southwest of catch basin, on north side of Bridge Street and 56 feet southeast of pole #55, on north side of Bridge Street. A Mass. Dept. of Public Works standard traverse disk, set in concrete monument, the top of which is 1 inch below surface of ground. September 1936. (A search was made for this mark in March 1940 and it was reported that the ties had changed due to widening of road. Later recovered in March 1941. The description was not amended and condition was given as good and 1 1/2 feet below ground).

85AQ

44.263 feet

In the northern part of Weymouth, on the south side of Bridge Street (Route #3A); 68 feet east of the intersection of Fairlawn Road; 29 feet east of hydrant opposite Pratt Avenue; 28 feet south of the center line of highway; 17.5 feet west of pole and 4 feet north of center of macadam sidewalk. A Mass. Dept. of Public Works standard traverse disk, stamped "85AQ-44.263", set in a concrete monument 2 inches below ground. September 1936. Recovered in good condition February 1940.

85AR

30.300 feet

In the northern part of Weymouth, on the south side of Bridge Street Route #3A; 22 feet west of the center line of Bluff Road; 41.7 feet south of center line of highway; 72.9 feet west of a pole, on the south side of Bridge Street; 82.5 feet west of northwest corner of a filling station and 34.6 feet northwest of pole on east side of Bluff Road. A Mass. Dept. of Public Works standard traverse disk, stamped "85AR-30.300", set in a concrete monument, the top of which is 4 inches below the ground. September 1936. Recovered in good condition March 1940.

WEYMOUTH First Order Bench Marks (Continued)

T.B.M. #242 159,539 feet
About 1.1 miles southeast of South Weymouth station, on the N.Y., N.H. & H.R.R. (Plymouth Branch); 193 feet (along east rail) north of center of Main Street (Route #18) overpass and 235 feet east of the east rail. A chiseled square, in the top of a large boulder. March 1937.

T.B.M. #3059 171,012 feet
About 1 1/2 miles northeast of Holbrook Center, on the south side of Forest Street; 15 feet southwest of the center line of driveway to house, #393 Forest Street; 9 feet north of the Holbrook-Weymouth line marker and 4 feet above highway level. A monel rivet, set in the Holbrook-Weymouth town line bound. August 1936.

T.B.M. #3060 128,992 feet
About 0.4 mile east of South Weymouth Square; 9.9 feet north from north edge of pavement; 14.2 feet west from center line of driveway to house, #108 Ralph Talbot Street and 12 feet south from first step of entrance. A monel rivet, set in the south end and on east side of concrete walk leading to house, #108 Ralph Talbot Street, 6 inches above highway level. August 1936.

T.B.M. #3061 151,350 feet
About 1.1 miles east of South Weymouth Square, on south side of Ralph Talbot Street in front of house, #393; 2 feet northwest from 12-inch maple tree; 23.4 feet northeast from 24-inch pine tree; 30 feet south of center line of Ralph Talbot Street; 55 feet east from center line of driveway to house, #393 and 63 feet west from center line of Pine Street. A monel rivet, set in top of street line bound, 5 inches above highway level. August 1936.

T.B.M. Weymouth Back River #21 140,553 feet
About 0.5 mile northwest of South Weymouth station, on the N.Y., N.H. & H. R.R. (Plymouth Branch) and 0.35 mile southeast of Route #128 overpass. A chiseled square, in the northeast corner of the top stone of the northwest stone abutment wall of bridge #3.05 over the Mill River. August 1936.

T.B.M. Weymouth Back River #22 162,448 feet
In the southwestern part of Weymouth; about 2300 feet west of the South Weymouth station along Randolph Street. A chiseled square, in the southwest corner of the west end of the south concrete dam abutment at the source of the Mill River at Weymouth Great Pond. August 1936.

T.B.M. Weymouth Back River #23 110,956 feet
In the southeastern part of Weymouth, at the bridge carrying Ralph Talbot Street (Route #128) over Old Swamp River; about 523 feet east of the extreme east end of the red stable building at the Weymouth Fair ground. A chiseled square, in the top and center of the south concrete abutment (upstream side). August 1936.

WEYMOUTH First Order Bench Marks (Continued)

Fore River #1 18.754 feet
 In the northern part of Weymouth, at the southeast end of the Fore River Bridge. A Mass. Dept. of Public Works standard bench mark disk, stamped "F.R.#1-18.754", set in the north sidewalk, 12 feet northwest of the southeast end of the bridge rail. September 1936. Recovered in good condition February 1940.

Fore, 1936 58.177 feet
 In the northwestern part of Weymouth, on the Fore River Bridge; 117 feet east of the Quincy-Weymouth town line or center of draw; 13.7 feet northeast of northwest corner of tower and 8.4 feet north of granite steps at entrance to tower. A Mass. Dept. of Public Works triangulation station disk, stamped "Fore-58.177", set in the south sidewalk of bridge. September 1936. Recovered in good condition February 1940.

H13 190.600 feet
 In South Weymouth. A U.S.C. & G.S. standard bench mark disk, stamped "H13-M.G.S.-1936-190.600", set in the east end of the first step at the southwest entrance to the Fogg Library. August 1936. Recovered in good condition February 1940.

E19 147.656 feet
 About 0.8 mile northwest of South Weymouth station, on the N.Y., N.H. & H. R.R. (Plymouth Branch). A chiseled square, in the southeast corner of the bottom step of southwest wing wall of bridge #2.70 (railroad under Columbia Street, Route #128). August 1936.

J19 15.110 feet
 In the northern part of Weymouth, at the southeast end of the Fore River Bridge. The east corner of the stone threshold of pedestrians entrance of Charles Leavitt Edgar station of the Edison Electric Illuminating Company. No mark. September 1936.

152.90 (U.S.G.S.) 152.781 feet
 About 2.3 miles northeast of South Weymouth; 110 feet west of the Weymouth-Hingham town line and 20 feet south of the center line of Ralph Talbot Street (Route #128). A chiseled square, on the north corner of a ledge outcrop, about 2 feet above highway level. August 1936.

Second Order Bench Marks

6A32 19.73 feet
 In the northwestern part of Weymouth, on the Old Colony Railroad (South Shore Branch); 1600 feet east of Weymouth station; 68 feet northeast of the center of Commercial Street (Tufts Crossing); 15.7 feet northeast of a telegraph pole and 6.4 feet southeast of the southeast rail. A U.S.C. & G.S. and State Survey standard disk,

WEYMOUTH Second Order Bench Marks (Continued)

stamped "6A32", set in a concrete monument, flush with the ground. March 1934.

6A33 23.53 feet
In the northwestern part of Weymouth, on the Old Colony Railroad (South Shore Branch); 2900 feet northeast of the Weymouth station, about midway between Commercial Street crossing and Idlewell Street bridge; 96.3 feet south of the southwest corner of base of transmission tower; 29.3 feet west of pole, on south side of track and 6.7 feet southeast of the southeast rail. A U.S.C. & G.S. and State Survey standard disk, stamped "6A33", set in a concrete monument, flush with the ground. August 1938.

6A34A 108.54 feet
In the northeastern part of Weymouth; 274 feet north of Drew Avenue; 209 feet east of Commercial Street; 68 feet south of Putnam Street, on top of a gravel hill, adjacent to the Weymouth Concrete and Asphalt Company; 50 feet southeast of a 15-inch oak tree and 10 feet west of edge of gravel bank, in a direct northerly range line of two chimneys on houses, #10 and #12 Drew Avenue. A Mass. Dept. of Public Works standard traverse disk, set in a concrete monument, flush with the ground. August 1938.

6A47 27.66 feet
In the northeastern part of Weymouth, on the Old Colony Railroad (South Shore Branch); about 2100 feet northeast of East Weymouth station; 281 feet northeast of the center of Commercial Street (Reeds crossing); 18.4 feet southeast of a transmission line pole; 6.7 feet north of a semaphore and 6.3 feet northwest of the northwest rail. A U.S.C. & G.S. and State Survey standard disk, set in a concrete monument, flush with the ground. February 1935. Recovered in good condition August 1938.

13AF 157.16 feet
In South Weymouth, on the west side of the N.Y., N.H. & H.R.R. (Plymouth Branch); about 120 feet northwest of center of Main Street crossing, (Route #18); 13.6 feet west of west rail of the south bound track; 78 feet north of the northeast corner of the west abutment and 62.3 feet west of the northwest corner of the east abutment. A U.S.C. & G.S. and State Survey standard disk, stamped "13AF", set in a concrete monument. May 1935.

*57BH
In the extreme southwest corner of Weymouth, about 1/4 mile northwest of West Abington; 890 feet south of the Holbrook-Weymouth town bound; 400 feet northwest of the Weymouth-Abington town bound; 354 feet northwest of a line projected from the north side of Davies' house

*The elevation of this mark has not been determined.

WEYMOUTH Second Order Bench Marks (Continued)

and 14.5 feet west of the center line of Anne Street. A Mass. Dept. of Public Works standard traverse disk stamped "57BH", set in a concrete monument, the top of which is flush with the ground.

93A 102.84 feet
At Weymouth Landing, on the east side of Washington Street (Route #3); 42 feet south of the center line of Vine Street; 26 feet east of center line of Washington Street; 11.4 feet west of southwest corner of house, #254; 23 feet southwest of northwest corner of house, #254; 13.3 feet south of spindle of hydrant and 20.3 feet north of 20-inch elm tree. A Mass. Dept. of Public Works standard traverse disk, stamped "93A", set in a concrete monument, the top of which is flush with the sidewalk. September 1937. Recovered in good condition November 1938.

93B 107.03 feet
About 1/2 mile south of Weymouth Center; 125 feet south of the intersection of the center lines of Routes #18 and #3; 38.6 feet west of the center line of Route #18; 44 feet east of the northeast corner of a billboard and 17.3 feet southwest of pole #29/1. A Mass. Dept. of Public Works standard traverse disk, stamped "93B", set in a ledge outcrop. September 1937.

93C 163.94 feet
About 3/4 mile north of South Weymouth Center, on the east side of Main Street; 1431 feet south of the intersection of Middle and Main Streets; 32 feet west of the southeast corner of #616 Main Street; 30 feet southwest of the corner of a wire fence, on the north side of #616 Main Street; 97 feet southeast of a tel. pole #29/70; 60.4 feet northeast of a tel. pole #29/71 (both poles being located in the grass plot on the west side of Main Street) and 26 feet east of the center line of Main Street. A Mass. Dept. of Public Works standard traverse disk, stamped "93C", set in a concrete monument, the top of which is flush with the ground. September 1937.

93D 153.25 feet
About 1/2 mile north of South Weymouth Center, on the east side of Main Street (Route #18); 350 feet north of the center line of (Route #128); 66.8 feet west of end of wood fence between houses, #738 and #730; 53.8 feet northwest of southwest corner of house, #730; 53.8 feet northwest of northwest corner of house, #738; 44.5 feet east of pole #29/85; 24 feet south of a 24-inch elm tree; 21.5 feet east of center line of Main Street and 6.2 feet west of center of sidewalk. A Mass. Dept. of Public Works standard traverse disk, stamped "93D", set in a concrete monument, flush with the ground. September 1937.

93E 153.37 feet
In South Weymouth, on the east side of Main Street (Route #18); 232 feet south of the center line of Webster Street; 71 feet south of a

WEYMOUTH Second Order Bench Marks (Continued)

field stone post; 16 feet east of the center line of Main Street; 32.3 feet north of the center line of a double pipe culvert and 2.9 feet south of pole #29/141. A Mass. Dept. of Public Works standard traverse disk, stamped "93E", set in a concrete monument, flush with the ground. September 1937.

93F

181.59 feet

About 1 1/4 miles south of South Weymouth Center, on the west side of Main Street (Route #18) bridge, over the N.Y., N.H. & H. R.R.; 43.2 feet west of the southeast end of plate girder; 94.3 feet south of pole #29/162; 110.2 feet south of center line of bridge overpass; 21.2 feet west of center line of Main Street and 1.2 feet west of curb. A Mass. Dept. of Public Works standard traverse disk, stamped "93F", set in a concrete monument flush with the sidewalk. September 1937.

P16

23.54 feet

At Weymouth Landing. A chiseled square on the southeast wing wall of bridge #1.61 on the Old Colony Railroad (South Shore Branch), over Weymouth Back River, 4.4 feet from southwest corner of east abutment. 1930.

Emery, 1934

155.60 feet

In the northern part of Weymouth, on King Oak Hill (Weymouth Heights), near the southeast corner of the residence of Alan C. Emery at #790 Commercial Street; 139.8 feet southeast of the brick steps at the service entrance; 23 feet east of the northeast corner of the garage; 32 feet northeast of the southeast corner and 22.4 feet east of the east side of garage. A U.S.C. & G.S. and State Survey standard disk, set in a concrete monument, 2 inches below ground. January 1935.

T.B.M. #188

42.26 feet

At the East Weymouth station, on the Old Colony Railroad (South Shore Branch); 58 feet northwest of the west corner of station; 61.1 feet west of the north corner of station and 22.9 feet southwest of the west corner of the station platform. July 1930. Recovered in good condition August 1938. (It was reported that there is another chiseled square, on the same ledge about 0.4 foot below T.B.M. #188).

T.B.M. #189

35.94 feet

In the northern part of Weymouth, on the Old Colony Railroad (South Shore Branch). A chiseled square, in the southeast corner of the west concrete bridge seat of bridge #3.03 over North Street. August 1938. Recovered in good condition August 1938.

T.B.M. #243

146.55 feet

In South Weymouth; about 260 feet along Derby Street, southeast of the intersection of Derby Street and the N.Y., N.H. & H. R.R. and about 8.8 feet south of the center of Derby Street. A chiseled square, on top of a boulder. February 1936.

WEYMOUTH Second Order Bench Marks (Continued)

- T.B.M. #4096 115.62 feet
In the west central part of Weymouth, on the east side of Summer Street; about 1.1 miles north of the intersection of West Street; 60.8 feet northwest of the northwest corner of house, #372; 51 feet east of a stone wall; 48 feet northeast of pole #54 and 26 feet east of the center line of Summer Street. A chiseled square, on a ledge outcrop, about 1 foot above ground. September 1937.
- T.B.M. #4194 54.68 feet
In East Weymouth, on the Old Colony Railroad (South Shore Branch); 1485 feet southeast of the center line of Union Avenue; 300 feet west of semaphore #K40 and 11.5 feet southwest of the southwest rail. A high point, at the center of top of granite milepost #14. August 1938.
- T.B.M. Weymouth Back River #1 8.37 feet
On the Old Colony Railroad (South Shore Branch); about 270 feet east of East Weymouth station and 40 feet south of the south rail of a siding. A chiseled square, on the southeast corner of the west retaining wall of Weymouth Back River. August 1938.
- T.B.M. Weymouth Back River #2 21.08 feet
In East Weymouth; about 0.3 mile south of East Weymouth station; about 120 feet west of Water Street. A chiseled square, on the south sidewalk of the Bond Street bridge over Weymouth Back River. December 1935.
- T.B.M. Weymouth Back River #3 27.64 feet
In East Weymouth, at the intersection of Water and Commercial Streets. A chiseled square, on the east end of south retaining wall of Commercial Street bridge over Weymouth Back River. December 1935.
- T.B.M. Weymouth Back River #4 31.66 feet
In East Weymouth. A chiseled square, on the north curb of the north wall of Pleasant Street bridge over Weymouth Back River. December 1935.
- T.B.M. Weymouth Back River #5 40.07 feet
In East Weymouth, south of Iron Hill Street, on property of Weymouth Light and Power Company. A chiseled square, at an angle in the north retaining wall of Weymouth Back River, 50 feet east of twin culvert outlet. December 1935.
- T.B.M. Weymouth Back River #6 65.28 feet
In East Weymouth, on the northwest side of Iron Hill Street, near the corner of Riley Avenue; about 900 feet west of Weymouth Light and Power Company. A chiseled square, on the south retaining wall of Weymouth Back River dam, 3 feet south of the gatehouse. December 1935.

WEYMOUTH Second Order Bench Marks (Continued)

- T.B.M. Weymouth Back River #7 77.53 feet
In East Weymouth, at the dead end of Iron Hill Street. A chiseled square, on the southwest corner of the south pier of foot bridge over the outlet from Whitman's Pond. December 1935.
- T.B.M. Weymouth Back River #8 69.70 feet
In the north central part of Weymouth, on the west side of Whitman's Pond; 27 feet west of the center line of Middle Street. A chiseled square, on the southwest corner of the south flashboard guide on the west end of Whitman's Pond culvert. December 1935.
- T.B.M. Weymouth Back River #9 96.60 feet
In the central part of Weymouth, on the north side of Washington Street (Route #3); 300 feet east of the center line of Middle Street. A chiseled square, in the center of the north head wall of culvert, which carries Mill River under Route #3. December 1935.
- T.B.M. Weymouth Back River #10 72.22 feet
In the central part of Weymouth, at the Whitman's Pond culvert under Washington Street (Route #3). A chiseled square, on the west end of the south retaining wall, 11 feet east of the west end. December 1935.
- T.B.M. Weymouth Back River #11 89.30 feet
In the central part of Weymouth; about 550 feet north of Washington Street (Route #3), at the Howe and French Company's dam across Mill River; 30 feet east of east retaining wall; 10 feet north of face and 1.5 feet north of embankment retaining wall. A chiseled square, on a ledge outcrop. August 1938.
- T.B.M. Weymouth Back River #12 70.40 feet
In the central part of Weymouth, on the southwest side of Whitman's Pond, on the south side of Lake Shore Drive between properties #190 and #198. A chiseled square, on the west side of foot bridge over the mouth of Mill River, on cap of iron column, 2 feet west of bridge center line and 71 feet south of north end. 1938.
- T.B.M. Weymouth Back River #13 95.77 feet
In the central part of Weymouth; 38 feet west of the center line of Middle Street and 384 feet south of its intersection with Washington Street (Route #3). A chiseled square, on the north angle of the west retaining wall of Mill River culvert. January 1936.
- T.B.M. Weymouth Back River #14 95.98 feet
In the central part of Weymouth, at the Main Street (Route #18) over Mill River. A chiseled square, on the west end of the south retaining wall. January 1935.

WEYMOUTH Second Order Bench Marks (Continued)

T.B.M. Weymouth Back River #15 100.94 feet
In the west central part of Weymouth, at the Front Street bridge over Mill River. A chiseled square, on the south end of the east retaining wall, 7 feet north of the south end. January 1935.

T.B.M. Weymouth Back River #16 102.21 feet
In the west central part of Weymouth, on the north side of Mill Street; 30 feet southwest of the southwest corner of house, #124. A chiseled square, on the northwest corner of north head wall of west culvert of Mill River. January 1935. Recovered in good condition August 1939.

T.B.M. Weymouth Back River #17 118.01 feet
In the west central part of Weymouth, on the west side of Mill Street; 375 feet from the west street line in the rear of house, #98. A chiseled square, on the south angle of east retaining wall of west sluiceway of Mill River. January 1936. Recovered in good condition August 1939.

T.B.M. Weymouth Back River #18 132.95 feet
In the west central part of Weymouth, on the west side of Mill Street, on the property of the Weymouth Lumber Company. A chiseled square, on the northwest corner of east retaining wall of main spillway of Mill River. January 1936.

T.B.M. Weymouth Back River #19 136.64 feet
In the west central part of Weymouth, on the south side of West Street; about 310 feet northwest of the intersection of Mill Street; 78.3 feet southwest of the south corner of bungalow at #109 West Street. A chiseled square, in the top of the southwesterly corner of the granite slab, on the southeast end of the southeast concrete abutment wall of the west Street bridge over the Mill River. January 1936.

T.B.M. Weymouth Back River #20 139.68 feet
In South Weymouth, on the south side of Columbian Street; about 2200 feet west of Main Street (Route #18); 970 feet east of bridge #2.70 (Route #128 bridge over the N.Y., N.H. & H.R.R.). A chiseled square, on the southeast corner of the east end of the south abutment of Columbian Street bridge over the Mill River. August 1938.

T.B.M. Weymouth Back River #24 106.99 feet
In the southeastern part of Weymouth, on the south side of Elm Street, near the intersection of Pleasant Street; 71.5 feet southwest of the west end of the upstream abutment of the culvert bridge carrying Elm Street over Old Swamp River; 97.6 feet southeast of the southeast corner of house, #46 Elm Street and 21.4 feet south of the south face of the stone wall on the south side of Elm Street. A chiseled square, in a ledge outcrop. August 1939.

WEYMOUTH Second Order Bench Marks (Continued)

T.B.M. Weymouth Back River #25 90.63 feet
 In the southeastern part of Weymouth, near the intersection of Pine and Pleasant Streets; 151.2 feet northwest of the west corner of house, #575 Pleasant Street and 22 feet northeast of the northeast corner of the stone culvert, carrying the Old Swamp River under Pleasant Street. A chiseled square, in the top of the southeast corner of a large boulder. August 1939.

Tidal Bench MarksWeymouth Fore River Bridge

TIDAL BENCH MARK #1 (1926) (U.S.C. & G.S.) 11.28 feet
 A U.S.C. & G.S. standard tidal bench mark disk, stamped "1/1926", set flush with the concrete surface of the stair platform on its southeast corner, south of brick building of Edison Coaling Plant. Elevation: 16.15 feet above Boston low-water datum; 11.46 feet above half tide level; 6.71 feet above mean high water.

TIDAL BENCH MARK #2 (1926) (U.S.C. & G.S.) 10.38 feet
 A U.S.C. & G.S. standard tidal bench mark disk, stamped "2/1926", set flush with the surface of the concrete wharf near the southwest corner, just south of the concrete mooring-bitt block. Elevation: 15.24 feet above Boston low-water datum; 10.55 feet above half tide level; 5.80 feet above mean high water.

Elevations above Boston low-water datum are based on a circuit of first order levels run from South Boston by the Department of Public Works, State of Massachusetts. Elevations above half tide level and mean high water are based on local tide observations consisting of 14 high waters and 14 low waters, June 17- July 14, 1926; reduced to mean values. Mean sea level elevation determined by second order spirit leveling of Massachusetts Geodetic Survey in July 1936.

Bench Marks at Water Supply Units

68J-11 159.52 feet
 About 0.3 mile southwest of South Weymouth. To reach bench mark from South Weymouth depot, travel 0.3 mile northwest on Hollis Street to pumping station, on the north side of the street. A monel rivet, set in the north end of granite doorsill at the northwest end of pumping station; 102 feet northeast of center line of Hollis Street and 32 feet southeast of center line of pumping station. February 1936.

WEYMOUTH Second Order Bench Marks at Water Supply Units (Continued)

Ref. BM 68J-11A 148.86 feet
A monel rivet, set in top of a concrete retaining wall; 107 feet northeast of the northeast corner of the pumping station and 155 feet east of the northwest corner of the same building.

Ref. BM 68J-11B 143.59 feet
A monel rivet, set in top of a granite outcrop; 90 feet north of driveway in rear of pumping station and 84 feet northwest of BM 68J-11A.

68J-12 173.12 feet
About 0.75 mile southwest of South Weymouth. To reach bench mark by auto from South Weymouth depot, travel southwest along Pond Street 0.15 mile to Lakewood Road, northwest 0.15 mile on Lakewood Road to Oakcrest Street, southwest 0.10 mile on Oakcrest Street to Pine Circle Road; northwest 0.02 mile on Pine Circle Road to entrance of town property. Follow dirt road to pumping station on northwest side of pumping station. A monel rivet. March 1936.

Ref. BM 68J-12A 164.99 feet
A monel rivet, set on a threshold on west side of emergency pumping station; 430 feet north of BM 68J-12 and 30 feet west of dirt road.

Ref. BM 68J-12B 161.91 feet
A monel rivet, set on top of a concrete intake basin, on edge of Great Pond and 105 feet northwest of BM 68J-12.

68J-17 196.34 feet
About 0.5 mile southeast of South Weymouth. To reach standpipe from South Weymouth Center, travel northeast from intersection of Main Street (Route #18) and Pleasant Street; along Pleasant Street 0.1 mile to Central Street; thence east on Central Street 0.6 mile to Reed Avenue. A monel rivet, set in lead in top of a concrete platform; 40 feet west of the center line of Reed Avenue and 38 feet east of valve gate in east face of standpipe. July 1936.

Ref. BM 68J-17A 195.69 feet
A monel rivet, set in lead, on top of a granite bound, at northwest corner of Reed Avenue and Central Street; 21.7 feet west of center line of Reed Avenue; 25 feet north of center line of Central Street; 400 feet south of BM 68J-17 and 32.9 feet southeast of southeast corner of porch.

Ref. BM 68J-17B 193.88 feet
A monel rivet, set in lead, on top of a granite bound, at the northwest corner of Hunt Avenue dead end; 6.7 feet west of a granite bound and 11.6 feet northwest of center line of catch basin curb.

WEYMOUTH Second Order Bench Marks at Water Supply Units (Continued)

68J-18 29.15 feet
 In North Weymouth. To reach bench mark travel from Weymouth end of Fore River Bridge, about 200 feet along Bridge Street to Monatiquot Street, thence along Monatiquot Street about 0.15 mile to standpipe. A monel rivet, set in lead in the concrete base of standpipe; 3.3 feet west of east face of base and 11.2 feet southeast of east face of standpipe. July 1936.

BM 68J-18A 26.68 feet
 A monel rivet, set in lead, on top of a stone bound, at the northerly intersection of Monatiquot Street and Bluff Road; 19.2 feet east from the center line of Monatiquot Street; 26.9 feet north from center line of Bluff Road and 45.2 feet southeasterly from BM 68J-18.

Ref. BM 68J-18B 21.38 feet
 A monel rivet, set in lead, on top of a stone bound, on the southerly side of Bluff Road; 212.5 feet southeasterly of BM 68J-18A; 19.3 feet south from the center line of Bluff Road and 27.3 feet northwest from the northwesterly corner of house, #86.

Supplementary Data

	Elevation
<u>68J-11 HOLLIS STREET PUMPING STATION (Old)</u> Pumping station floor	159.50
<u>68J-12 WEYMOUTH GREAT POND PUMPING STATION (New)</u> Old pumping station for emergency use floor	165.07
Gatehouse at pond floor	164.81
New pumping station upper floor	173.17
Lower floor, pump room	160.17
Intake well bottom	149.17
Filters 8 slow sand (each 15 ft. square)	181.87
Coagulation basin (63 ft. by 75 ft., D. 17 ft.) bottom	164.67
Clear water basin (52 ft. by 90 ft., D. 10 ft.) bottom	158.67
Weymouth Great Pond - Hollis Street dam top	162.49
Spillway crest (4 ft. F.B. may be used)	158.98
Gage mark zero = pump room floor	160.17
Water level observed January 27, 1937	159.59
Seasonal variations in water level unavailable	
Area 200 acres; available supply undetermined	
<u>68J-17 REED AVENUE STANDPIPE</u> Bottom of standpipe (Dia. 41.5 ft., Ht. 75 ft.)	197.32
Overflow (Capacity 750,000 gals.)	270.32
<u>68J-18 MONATIQUOT STREET STANDPIPE</u> Bottom of standpipe (Dia. 45 ft., Ht. 120 ft.)	29.46
Overflow (Capacity 1,200,000 gals.)	147.46

WRENTHAM

(There are no First Order Bench Marks)

Second Order Bench Marks

MLZ 300.98 feet
 In the northeastern part of the town, on the west side of U.S. Route #1 (at Station 115+26, Wrentham 1931 layout); 0.45 mile north of Myrtle Street, on the crest of a hill at the beginning of the curve through a heavy cut; 15 feet west of the highway; 79.2 feet southwest of a catch basin and 39.2 feet northeast of an 18-inch pine tree. A U.S.C. & G.S. and State Survey standard disk, stamped "MLZ", set in a boulder at the top of a bank. August 1935.

MLAA 223.46 feet
 In the southeastern corner of the town, on the west side of U. S. Route #1 (at Station 11+00, Wrentham 1931 layout); 730 feet north of Madison Street; 7.5 feet southeast of pole #1322 and 38.7 feet southwest of a manhole. A U.S.C. & G.S. and State Survey standard disk, stamped "MLAA", set in edge of concrete roadway. August 1935.

MLAB 196.34 feet
 In the southeastern part of the town, on the west side of U.S. Route #1; 40 feet from the center line, 400 feet south of Madison Street, on Plainville-Wrentham line and 14.5 feet west of a town line signpost. A U.S.C. & G.S. and State Survey standard disk, stamped "MLAB", set in a Massachusetts highway bound. August 1935.

MLYA 304.33 feet
 In the southeastern part of the town, on the west side of U.S. Route #1; 61.1 feet southwest of a catch basin, on Wrentham-Foxborough line and 17.3 feet southeast of town line signpost. A U.S.C. & G.S. and State Survey standard disk, stamped "MLYA", set flush in edge of pavement. August 1935.

MLZA 200.03 feet
 In the southeastern part of the town, on the east side of U.S. Route #1; 41 feet from the center line (at Station 48+35, Wrentham 1931 layout); 595 feet southwest of Thurston Street; 234 feet south of cross road signpost and on the high point of a boulder, 1.5 feet above surface of roadway. A chiseled square. August 1935.

17CA 324.50 feet
 In the northeastern part of the town, on the south side of East Street, 13.3 feet from the center line; 713 feet northwest from the center line of U.S. Route #1 and 3.3 feet northwest from the Foxborough-Wrentham line. A U.S.C. & G.S. and State Survey standard disk, stamped "17CA", set in a concrete monument, 2 inches above the ground. February 1936.

WRENTHAM Second Order Bench Marks (Continued)17CB

252.23 feet

In the northeastern corner of the town, at the junction of Route #140 and East Street; 25.2 feet south of the center of Route #140; 31.1 feet northeast of the center of East Street; 44 feet southeast of west end of grass plot and 330 feet east from the center of Vine Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CB", set in a concrete monument, flush with the ground. June 1935.

17CC

236.65 feet

In the eastern part of the town, on the southeast side of East Street (Route #140); 47 feet from the center line; 56.1 feet northwest from the northwest corner of house of Mr. Peck; 42.7 feet northeast from center of driveway and 249 feet west from the center of Thurston Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CC", set in a concrete monument, 4 inches above the ground. June 1935.

17CD

244.20 feet

In the center of the town, on the south side of East Street (Route #140); 26.5 feet from the center line; 88.4 feet northwest of northwest corner of house of Mr. E. M. Mitchell and 288 feet west from the center of Madison Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CD", set in a concrete monument, 2 inches above the ground. June 1935.

17CE

248.68 feet

In the center of the town, on the south side of East Street; 26.1 feet from the center line; 14.8 feet east of the northeast corner of house at #11; 46.4 feet northwest of the northwest corner of house at #13 and 1467 feet northwest from the center line of Madison Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CE", set in a concrete monument, flush with the ground. June 1935.

17CF

253.16 feet

In the center of the town, at the southwest corner of Routes #140 and #1A; 86.5 feet south from the center of East Street (Route #140); 34.4 feet southeast from the center of South Street (Route #1A); 39.4 feet northwest from the north corner of base of Civil War Monument and 6 feet southeast of curb. A U.S.C. & G.S. and State Survey standard disk, stamped "17CF", set in a concrete monument, flush with the ground. June 1935.

17CG

246.11 feet

In the northwestern part of the town, on the north side of Franklin Street (Route #140), 14.6 feet from center line; 142 feet east from hydrant, on south side of street and 227 feet west from center of Park Street. A U.S.C. & G.S. and State Survey standard disk,

WRENTHAM Second Order Bench Marks (Continued)

stamped "17CG", set in a concrete monument, 2 inches below the ground. October 1935.

17CH 247.32 feet
In the northwestern part of the town, on the south side of Franklin Street (Route #140); 37 feet from the center line; 31 feet north from the center of old location of street, on top of high bank and 209 feet west from center of Creek Street. A U.S.C. & G.S. and State Survey standard disk, stamped "17CH", set in a concrete monument, flush with the ground. July 1935.

T.B.M. #228 196.78 feet
In the southeastern part of the town, on the east side of U.S. Route #1 (at Station 3 + 50 Lt.) north of Madison Street, on stone step of farmhouse. A chiseled square, in the southwest corner. August 1935.

T.B.M. #2060 217.29 feet
In the northeastern part of the town, at the west corner of East Street (Route #140) and Winter Street; 30 feet northwest of center of Route #140 and 45 feet southwest of center of Winter Street. A chiseled square, on a point of ledge. June 1935.

T.B.M. #2061 259.88 feet
In the northwestern part of the town, on the south side of Franklin Street (Route #140); 24 feet from the center line, on the Wrentham-Franklin line. A chiseled square, in a ledge outcrop. July 1935.

T.B.M. Charles River #42 225.25 feet
In the northwestern part of the town, on the west side of Park Street; 14 feet from the center line and south of gateway to Glenwood Farm bridge over the Mill River and 12 feet south from the center line of gateway. A square cut on a boulder. October 1935.

T.B.M. Charles River #43 188.67 feet
In the northwestern part of the town, on the west side of Mill Street at Glenwood Mills, on the east side of spillway, on north end of stone wall of dam. A chiseled square. November 1935.

T.B.M. Charles River #44 227.14 feet
In the northwestern part of the town, on the east side of Park Street; 11.7 feet from the center line and 62.8 feet north of center line of Mill Street to Glenwood Mills. A chiseled square, on a boulder. November 1935.

T.B.M. Charles River #45 193.14 feet
In the northwestern part of the town, on the southwest side of Franklin Street, at the southeast end of the bridge over Eagle Brook, on stone wall. A chiseled square. October 1935.

WRENTHAM Second Order Bench Marks (Continued)

T.B.M. Charles River #46 202.31 feet
In the northwestern part of the town; 400 feet south of Franklin Street, on the east side of outlet through dam to Eagle Brook. A chiseled square, on a concrete wall. November 1935.

T.B.M. Charles River #47 202.68 feet
In the northwestern part of the town, at the north end of Pearl Lake, on the east side of dam spillway. A chiseled square, on stone wall. November 1935.

K10 233.94 feet
In the south central part of the town, on the northwest abutment of the N.Y., N.H. & H. R.R. (Wrentham Branch) bridge #12.79 over West Street (Route #1A) on top course. A chiseled square, in east corner. December 1930.

M10 216.75 feet
In the northeastern part of the town, on the northwest abutment of the N.Y., N.H. & H. R.R. (Wrentham Branch) bridge #10.10, Winter Street overpass. A chiseled square, on granite foundation at southwest end of overpass. July 1935.

W10 208.92 feet
In the northeastern part of Wrentham, in the northwest angle of the intersection of Washington Street (Route #1) and Myrtle Street. (At Station 93 + 129 Left). A chiseled triangle, in high point of boulder. August 1935.

Bench Marks at Water Supply Units

68H-23 414.79 feet
About 0.75 mile south of the town, in the central part, within the pumping station grounds; about 0.75 mile south from Wrentham Square; 0.3 mile west of Taunton Street and 0.30 mile north of garage, along the pipe line to the standpipe and 1.25 feet west of standpipe. A monel rivet, set in concrete gate well of standpipe, the top of which is 2.5 feet above ground. June 1936.

Ref. BM 68H-23A 409.45 feet
A monel rivet, set in granite ledge, the top of which is 2 feet above the ground and 229 feet southeast of BM 68H-23.

Ref. BM 68H-23B 412.79 feet
A monel rivet, set in a granite ledge, the top of which is 3.5 feet above the ground, on standpipe hill and 82 feet northwest of BM 68H-23.

WRENTHAM Second Order Bench Marks at Water Supply Units (Continued)

68H-24 259.22 feet
 About 1.1 miles south of the town, in the central part, at the pump-
 ing station, about 1 mile south of Wrentham Square; 0.3 mile west of
 Taunton Street; 200 feet south of garage and 9.8 feet west of the
 center line of driveway which is east of the station. A monel rivet,
 set in concrete apron at east door of pumping station, the top of
 which is 0.1 foot above the ground. June 1936.

Ref. BM 68H-24A 254.79 feet
 A monel rivet, set in the north side of concrete gate, the top of
 which is 2 inches above the ground. Located on the pumping station
 grounds; 667 feet along the drive west of station and BM 68H-24; 513
 feet southwest of garage along drive and 7 feet east of center line
 of drive between two ponds.

Ref. BM 68H-24B 294.61 feet
 A monel rivet, set in concrete apron of east door of pumping station
 garage, top of which is 0.1 foot above the ground. Located at pump-
 ing station garage, about 0.3 mile west of Taunton Street; 200
 feet north of BM 68H-24; 513 feet northeast of BM 68H-24A and 39
 feet north of pumping station driveway.

Supplementary Data

	Elevation
<u>68H-23 KNICKUP HILL STANDPIPE</u>	
Top of foundation (Dia. 30 ft., H. 50 ft.)	414.63
Overflow (Capacity 265,000 gals.)	464.63
<u>68H-24 BEECH STREET PUMPING STATION</u>	
Pumping station floor	253.85
Wells G.L. (7 tubular dia. 30 in., D. 24 ft.)	257.77
Wells G.L. (20 driven dia. 2 1/2 in., D. 24 ft.)	254.35
Seasonal variations in water level unrecorded	

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M128Y	Dedham	56	M128CV	Quincy	161
M128Z	Dedham	56	M128CW	Quincy	162
M128AA	Dedham	57	M128CX	Quincy	162
M128AB	Dedham	57	M128CY	Braintree	20
M128AC	Dedham	57	M128CZ	Braintree	20

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<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>	<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
M128DA	Braintree	25	M138T	Stoughton	191
M128DB	Braintree	20	M138WA	Canton	41
M128DC	Braintree	21	M138WBA	Canton	44
M128DE	Braintree	21	M138WBA	Milton	118
M128DG	Braintree	21	M138WC	Milton	118
M128DH	Braintree	21	M138WD	Milton	118
M128DK	Braintree	21	MP6	Quincy	174
M128DL	Braintree	22	A10	Walpole	202
M128DN	Braintree	26	C10	Norwood	151
M128DP	Braintree	22	D10	Norwood	151
M128DQ	Braintree	22	E10	Walpole	202
M128DR	Braintree	22	F10	Walpole	202
M128DS	Braintree	23	G10	Walpole	202
M128E	Canton	40	H10 P.W.D.	Plainville	157
M128F	Canton	40	J10 P.W.D.	Plainville	157
M128G	Canton	40	K10	Wrentham	239
M128H	Canton	40	M10	Wrentham	239
M129PA	Dedham	58	N10	Norfolk	141
M128RA	Dedham	58	P10	Walpole	202
M128RA	Westwood	217	Q10	Walpole	202
M128TA	Dedham	58	R10	Norwood	151
M128TA	Westwood	218	S10	Norwood	151
M128H1A	Dedham	58	T10	Norwood	151
M128H1A	Westwood	218	U10	Westwood	219
M128-15GA	Westwood	218	V10	Dedham	64
M128-15GA	Dedham	58	W10	Wrentham	239
M138A	Canton	41	X10	Walpole	202
M138B	Canton	42	Y10	Walpole	203
M138C	Canton	43	AA10	Westwood	219
M138D	Canton	43	AB10	Dedham	61
M138E	Canton	43	AC10	Westwood	219
M138F	Canton	43	D12	Wellesley	209
M138G	Canton	43	G12	Wellesley	212
M138H	Canton	44	AA12	Wellesley	209
M138J	Canton	44	AB12	Wellesley	213
M138K	Canton	44	A13	Needham	126
M138L	Stoughton	189	B13	Needham	126
M138M	Stoughton	189	C13	Dedham	61
M138MA	Stoughton	189	D13	Dedham	61
M138MB	Stoughton	189	E13	Randolph	177
M138N	Stoughton	190	F13	Randolph	177
M138P	Stoughton	190	G13	Holbrook	90
M138Q	Stoughton	190	H13	Weymouth	226
M138R	Stoughton	190	J13	Braintree	23
M138S	Stoughton	191	K13	Braintree	23

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<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>	<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
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M13	Quincy	163	G21	Stoughton	188
A15	Canton	41	H21	Canton	41
B15	Dedham	61	J21	Stoughton	191
C15	Dedham	64	K21	Stoughton	191
D15	Needham	126	L21	Randolph	179
E15	Needham	126	M21	Stoughton	188
F15	Needham	127	AA21	Stoughton	188
G15	Needham	127	AB21	Canton	42
AB15	Needham	127	AC21	Canton	42
AC15	Dedham	61	AD21	Stoughton	188
L16	Cohasset	48	AU52	Sharon	181
P16	Weymouth	229	CG52	Franklin	88
Q16	Braintree	23	AE53	Norfolk	140
R16	Quincy	163	AF53	Norfolk	140
S16	Quincy	163	AG53	Millis	106
E19	Weymouth	226	AH53	Medway	102
F19	Braintree	23	AJ53	Medway	102
H19	Quincy	163			

<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>	<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
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.102	Canton	41	228	Wrentham	238
103	Sharon	181	229	Foxborough	73
104	Sharon	181	230	Walpole	198
105	Foxborough	73	242	Weymouth	225
131	Walpole	197	243	Weymouth	229
132	Walpole	198	244	Braintree	23
133	Walpole	198	255	Avon	8
134	Dedham	60	256	Holbrook	90
135	Westwood	219	256	Randolph	176
152	Milton	118	257	Braintree	26
184	Cohasset	48	263	Stoughton	188
185	Cohasset	48	264	Canton	41
188	Weymouth	229	265	Stoughton	191
189	Weymouth	229	266	Avon	8
190	Quincy	173	267	Randolph	178
191	Quincy	162	765	Canton	44
192	Quincy	162	766	Stoughton	188
225	Plainville	156	767	Stoughton	188
226	Plainville	156	2060	Wrentham	238

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<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>	<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
T.B.M. #2061	Wrentham	238	T.B.M. #2294	Foxborough	73
2061	Franklin	86	2295	Foxborough	78
2062	Franklin	86	2296	Foxborough	73
2064	Franklin	87	2297	Foxborough	73
2065	Franklin	87	2298	Foxborough	73
2066	Franklin	87	2368	Cohasset	51
2067	Franklin	87	2370	Avon	8
2068	Bellingham	15	2371	Avon	8
2069	Bellingham	15	2372	Avon	8
2070	Bellingham	12	2373	Randolph	178
2071	Bellingham	12	2374	Randolph	178
2072	Bellingham	12	2375	Randolph	178
2076	Franklin	87	2576	Randolph	179
2077	Franklin	87	2377	Randolph	179
2078	Franklin	87	2377	Braintree	26
2078	Bellingham	12	2378	Braintree	26
2079	Franklin	88	2379	Braintree	26
2081	Sharon	184	2437	Braintree	27
2082	Dover	69	2883	Cohasset	51
2083	Medfield	95	2884	Cohasset	51
2091	Plainville	156	2895	Dedham	64
2092	Plainville	156	2896	Dedham	64
2094	Foxborough	77	2897	Sharon	184
2095	Foxborough	77	2898	Sharon	185
2096	Foxborough	77	2899	Sharon	185
2097	Foxborough	77	3054	Dedham	61
2143	Holbrook	93	3055	Randolph	177
2251	Braintree	26	3056	Braintree	23
2276	Medfield	95	3057	Holbrook	90
2277	Medfield	96	3058	Holbrook	91
2278	Medfield	96	3059	Holbrook	91
2279	Medfield	96	3059	Weymouth	225
2280	Medfield	96	3060	Weymouth	225
2281	Medfield	96	3061	Weymouth	225
2282	Medfield	96	3066	Medway	101
2283	Medfield	96	3067	Medway	101
2284	Walpole	198	3068	Medway	101
2285	Walpole	198	3069	Bellingham	13
2286	Walpole	198	3070	Bellingham	13
2287	Foxborough	78	3071	Bellingham	13
2288	Foxborough	78	3072	Bellingham	13
2289	Foxborough	78	3073	Bellingham	13
2290	Foxborough	78	3074	Bellingham	13
2291	Foxborough	78	3075	Bellingham	14
2292	Foxborough	78	3076	Bellingham	14
2293	Foxborough	73	3077	Bellingham	14

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3079	Cohasset	48	3186	Medway	102
3095	Sharon	182	4012	Millis	107
3171	Foxborough	74	4013	Millis	107
3172	Foxborough	74	4014	Medway	103
3173	Foxborough	74	4016	Quincy	173
3174	Norfolk	140	4017	Quincy	173
3175	Norfolk	140	4036	Needham	133
3176	Norfolk	140	4037	Wellesley	212
3177	Norfolk	140	4038	Wellesley	212
3178	Norfolk	141	4043	Brookline	35
3179	Norfolk	141	4046	Brookline	35
3180	Norfolk	141	4051	Dedham	64
3181	Millis	106	4052	Dedham	64
3182	Millis	106	4096	Weymouth	230
3183	Medway	101	4194	Weymouth	230
3184	Medway	101			

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25	Bellingham	16	50	Millis	107
26	Bellingham	15	51	Medfield	96
27	Bellingham	16	52	Needham	133
28	Bellingham	16	53	Needham	133
29	Bellingham	16	54	Wellesley	213
30	Bellingham	15	55	Wellesley	213
31	Bellingham	16	84	Needham	133
32	Medway	102	85	Dover	69
33	Medway	103	86	Needham	134
34	Medway	102	87	Dover	69
35	Medway	104	88	Dover	69
36	Medway	104	89	Dover	69
37	Medway	104	90	Needham	134
38	Millis	107	92	Wellesley	213
39	Norfolk	141	93	Dover	69
40	Norfolk	142	94	Medfield	96
41	Norfolk	142	95	Medfield	96
42	Wrentham	238	96	Millis	107
43	Wrentham	238	97	Medfield	96
44	Wrentham	238	98	Needham	134
45	Wrentham	238	101	Needham	134
46	Wrentham	239	103	Wellesley	213
47	Wrentham	239	107	Medway	104
48	Millis	106			

NEPONSET RIVER BENCH MARKS

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6	Milton	119	44	Walpole	200
7	Milton	119	48	Walpole	200
9	Milton	119	49	Walpole	200
10A	Milton	119	50	Walpole	200
10B	Milton	119	51	Walpole	200
10C	Milton	119	52	Walpole	200
18B	Dedham	64	53	Walpole	200
18C	Dedham	64	54	Walpole	201
19	Dedham	65	54A	Walpole	201
20A	Canton	45	54B	Walpole	201
20B	Canton	45	55	Walpole	201
21	Canton	45	56	Walpole	201
21A	Norwood	149	57	Walpole	201
21B	Norwood	149	58	Walpole	201
22	Norwood	149	59	Walpole	201
23	Norwood	149	60	Foxborough	79
24	Norwood	149	61	Foxborough	79
25	Norwood	149	62	Foxborough	79
26	Norwood	149	63	Foxborough	79
28	Norwood	150	64	Foxborough	79
29	Norwood	150	66	Foxborough	79
30	Norwood	150	67	Walpole	201
31	Walpole	198	68	Walpole	202
32	Walpole	198	69	Norwood	150
33	Walpole	198	70	Norwood	150
34	Walpole	199	71	Norwood	150
35	Walpole	199	72	Norwood	150
36	Walpole	199	73	Norwood	150
37	Walpole	199	74	Norwood	150
37A	Walpole	199	75	Norwood	151
38	Walpole	199	75A	Walpole	202
38A	Walpole	199	81	Dedham	65
39	Walpole	199	82	Dedham	65
40	Walpole	199	83	Dedham	65
40B	Walpole	200	84	Dedham	65

WEYMOUTH BACK RIVER BENCH MARKS

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2	Weymouth	230	15	Weymouth	232
3	Weymouth	230	16	Weymouth	232
4	Weymouth	230	17	Weymouth	232
5	Weymouth	230	18	Weymouth	232
6	Weymouth	230	19	Weymouth	232
7	Weymouth	231	20	Weymouth	232
8	Weymouth	231	21	Weymouth	225
9	Weymouth	231	22	Weymouth	225
10	Weymouth	231	23	Weymouth	225
11	Weymouth	231	24	Weymouth	232
12	Weymouth	231	25	Weymouth	233
13	Weymouth	231			

<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
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Drive, 1934	Quincy	173
Emery, 1934	Weymouth	229
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Massachusetts North Base, 1844	Foxborough	79
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U.S.G.S. Stream Gaging Station	Neponset River at Norwood	152
W74 (U.S.G.S.)	Bellingham	14
W79 (U.S.G.S.)	Bellingham	14
C130 (U.S.G.S.)	Foxborough	80
C131 (U.S.G.S.)	Foxborough	80

<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
C132 (U.S.G.S.)	Sharon	185
C133 (U.S.G.S.)	Canton	45
C134 (U.S.G.S.)	Canton	45
141.4 (U.S.G.S.)	Millis	106
152.90 (U.S.G.S.)	Weymouth	226
158.7 (U.S.G.S.)	Millis	106
158.7 (U.S.G.S.)	Medway	102
207.62 (U.S.G.S.)	Holbrook	91
207.6 (U.S.G.S.)	Norfolk	141

UNITED STATES COAST AND GEODETIC SURVEY BENCH MARKS

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M	Foxborough	71	Z4	Wellesley	206
O	Sharon	181	T.B.M. #111		
*P	Canton	42	(B. & A.R.R.)	Wellesley	206
*R	Canton	42	T.B.M. #113		
*G2	Brookline	30	(Van Orden)	Wellesley	206
P2	Brookline	30	Cottage Farm		
Q2	Brookline	30	(Van Orden)	Brookline	30
Y4	Wellesley	206			

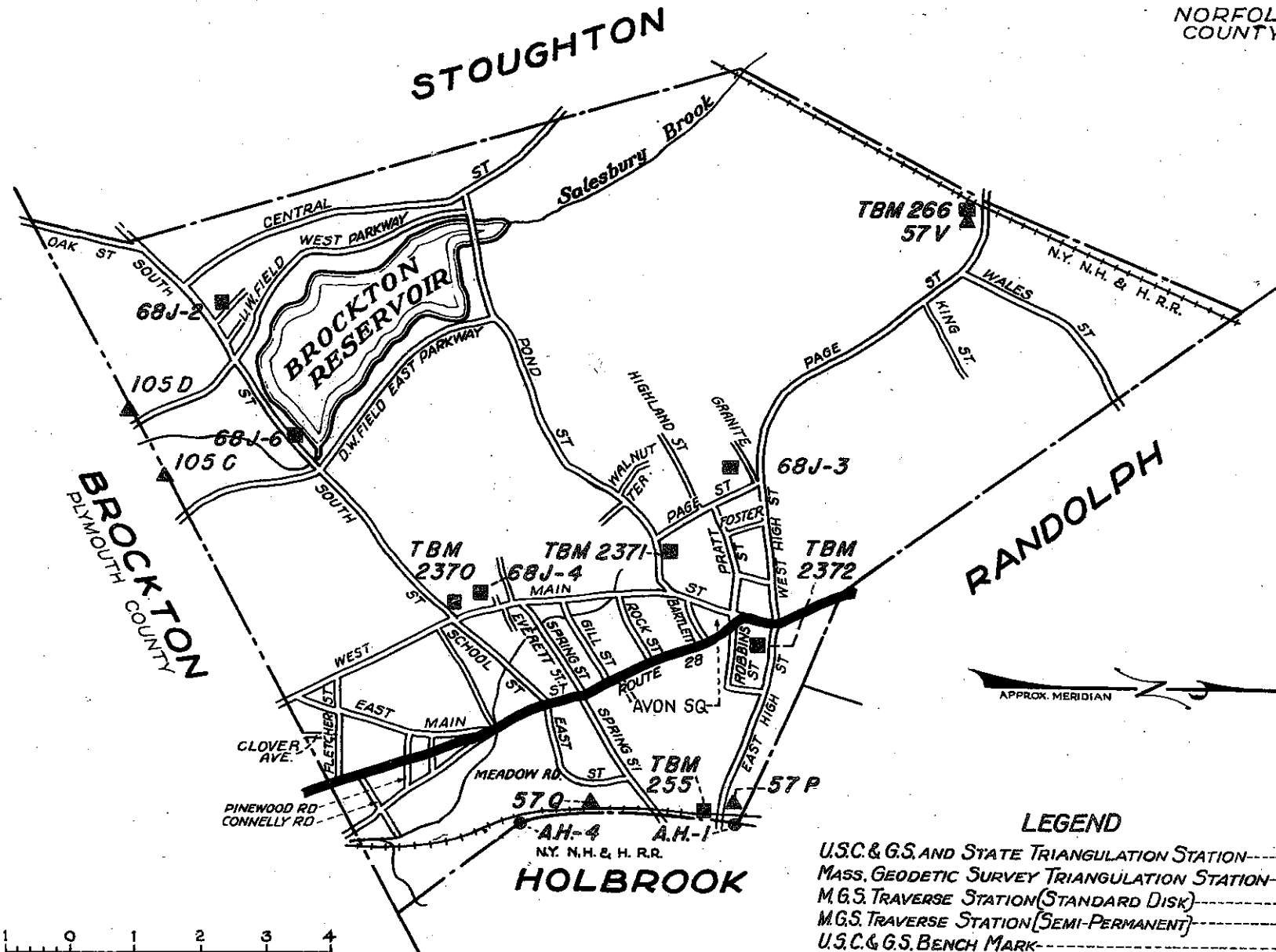
*Redetermined by the Massachusetts Geodetic Survey

TIDAL BENCH MARKS

<u>No.</u>	<u>City or Town</u>	<u>Page</u>	<u>Location</u>
1 (City of Boston)	Quincy	174	Nut Island, Quincy Bay
2 (1916)	Quincy	174	Nut Island, Quincy Bay
3 (1916)	Quincy	174	Nut Island, Quincy Bay
1 (1926)	Weymouth	233	Weymouth Fore River Bridge
2 (1926)	Weymouth	233	Weymouth Fore River Bridge
4 (1926)	Quincy	174	Nut Island, Quincy Bay
5 (1926)	Quincy	174	Nut Island, Quincy Bay

BENCH MARKS AT WATER SUPPLY UNITS

<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>	<u>Bench Mark</u>	<u>City or Town</u>	<u>Page</u>
68E-17	Medfield	97	68H-8	Canton	45
68E-18	Millis	108	68H-9	Canton	46
68E-19	Millis	108	68H-10	Canton	46
68E-20	Needham	134	68H-11	Stoughton	191
68E-21	Needham	135	68H-12	Stoughton	192
68E-23	Needham	135	68H-13	Sharon	185
68E-24	Needham	136	68H-14	Sharon	185
68E-25	Dedham	66	68H-15	Sharon	186
68E-26	Dedham	66	68H-22	Franklin	88
68E-27	Dedham	66	68H-23	Wrentham	239
68E-28	Westwood	219	68H-24	Wrentham	240
68E-29	Norwood	152	68H-25	Plainville	157
68E-30	Norwood	152	68H-28	Foxborough	80
68E-31	Medway	104	68H-29	Foxborough	81
68E-32	Medway	104	68H-30	Franklin	88
68E-33	Needham	136	68H-31	Stoughton	192
68E-34	Needham	137	68H-32	Canton	46
68E-35	Dedham	67	68H-33	Sharon	186
68E-36	Westwood	220	68H-34	Walpole	204
68E-37	Westwood	220	68H-35	Walpole	204
68E-38	Needham	137	68H-36	Walpole	204
68E-50	Medfield	97	68J-2	Avon	8
68E-51	Medfield	98	68J-3	Avon	9
68E-52	Medfield	98	68J-4	Avon	9
68E-53	Norwood	153	68J-6	Avon	10
68E-54	Westwood	221	68J-7	Randolph	179
68E-55	Westwood	221	68J-8	Braintree	27
68E-56	Needham	137	68J-9	Braintree	27
68E-60	Needham	138	68J-10	Braintree	27
68E-62	Brookline	36	68J-11	Weymouth	233
68E-63	Brookline	36	68J-12	Weymouth	234
68E-64	Brookline	36	68J-13	Holbrook	93
68E-65	Brookline	37	68J-17	Weymouth	234
68E-66	Wellesley	213	68J-18	Weymouth	235
68E-67	Wellesley	214	68J-19	Braintree	28
68E-68	Wellesley	214	68K-8	Cohasset	51
68E-69	Wellesley	214	68K-9	Cohasset	52
68E-76	Westwood	221	68K-10	Cohasset	52
68H-5	Foxborough	80	68K-17	Cohasset	52
68H-6	Walpole	203	68K-35	Cohasset	53
68H-7	Walpole	203			



4.50 Sq. Mi.



RANDOLPH

STOUGHTON

BROCKTON
PLYMOUTH COUNTY

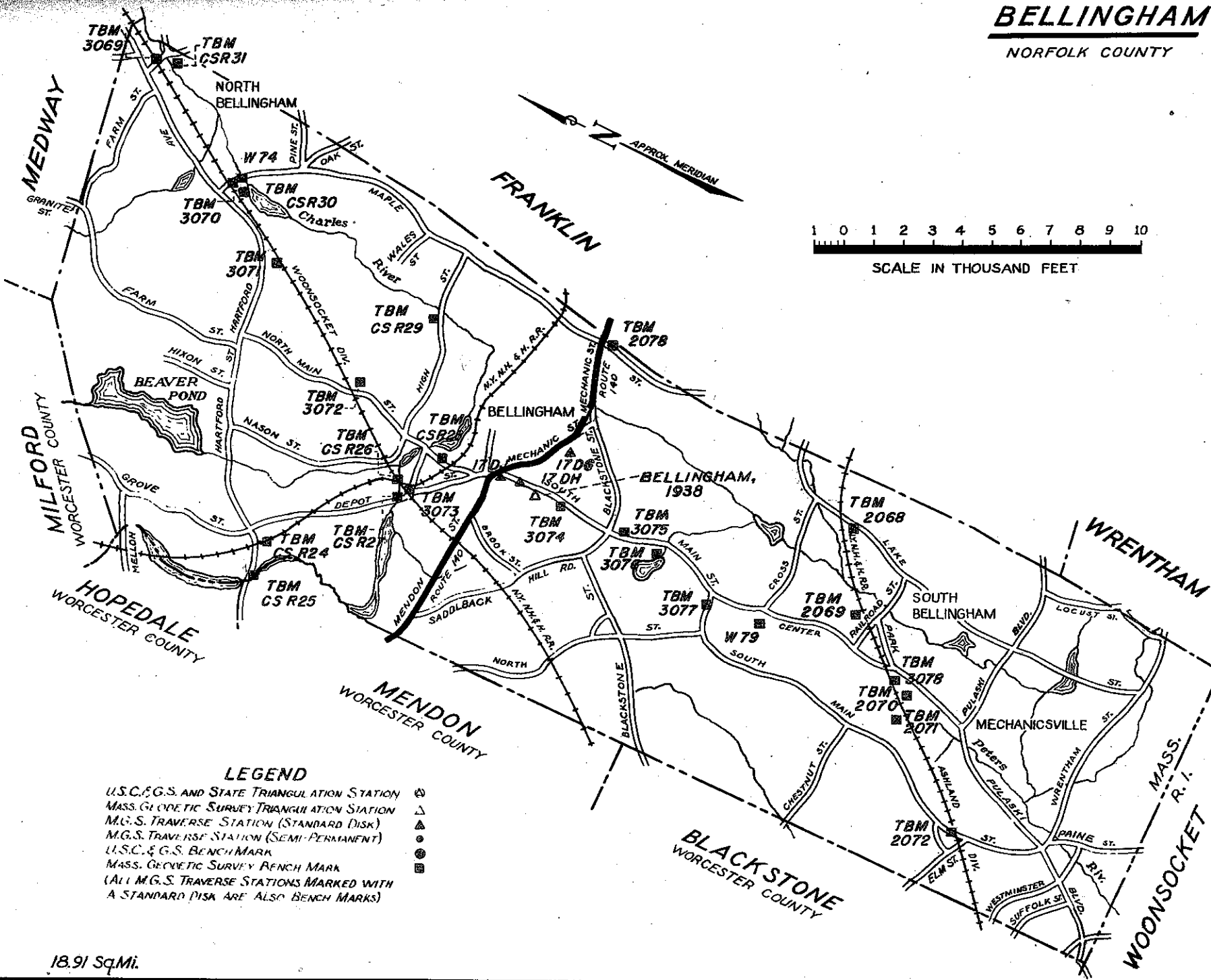
HOLBROOK

LEGEND







- U.S.C. & G.S. AND STATE TRIANGULATION STATION ----- ○
- MASS. GEODETIC SURVEY TRIANGULATION STATION ----- △
- M.G.S. TRAVERSE STATION (STANDARD DISK) ----- ▲
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ----- ●
- U.S.C. & G.S. BENCH MARK ----- ⊙
- MASS. GEODETIC SURVEY BENCH MARK ----- ⊠
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

BELLINGHAM

NORFOLK COUNTY



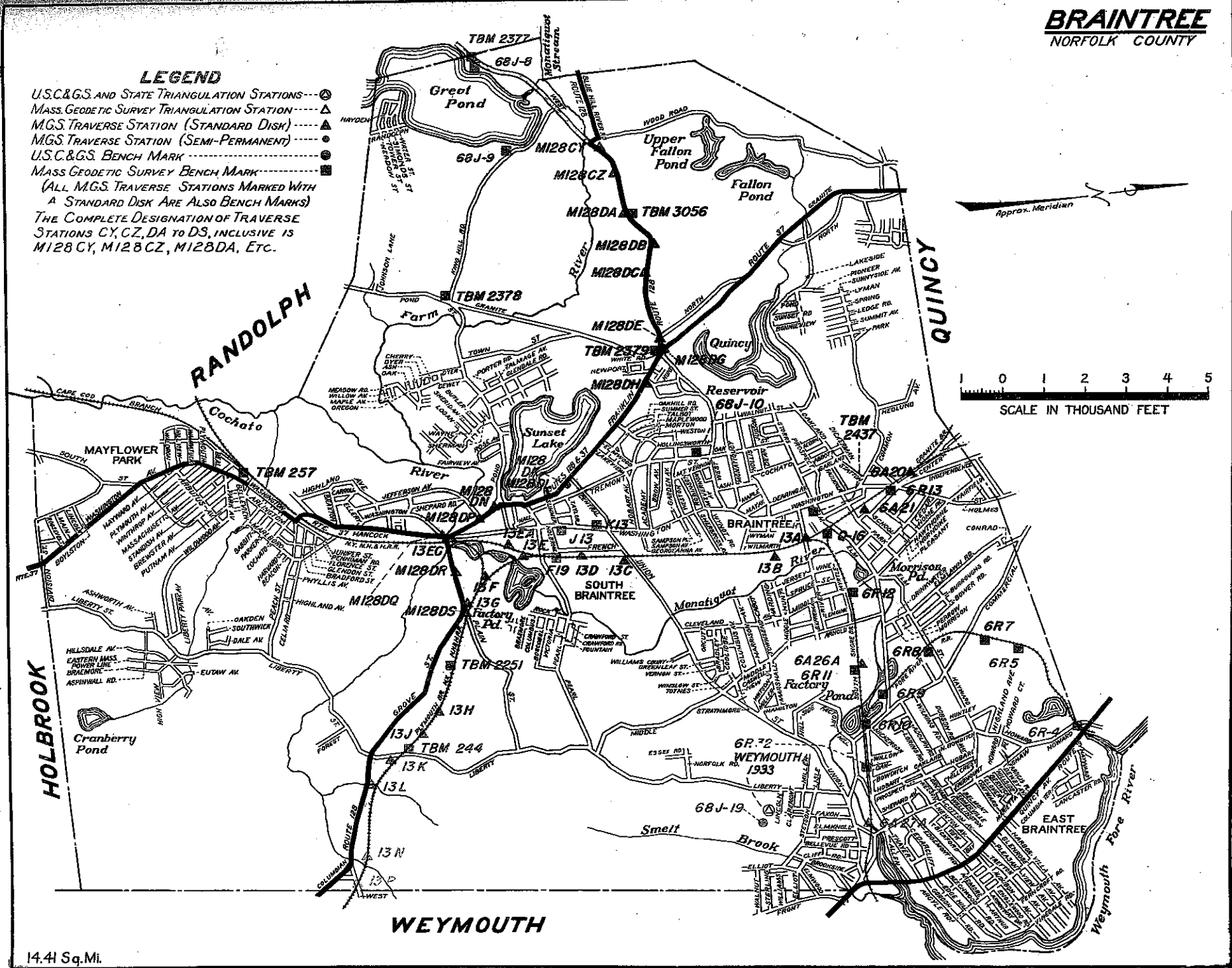
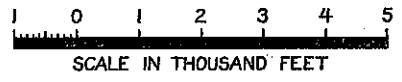
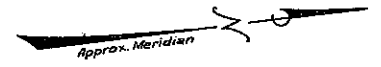
LEGEND

- U.S.C. & G.S. AND STATE TRIANGULATION STATION 
- MASS. GEODETIC SURVEY TRIANGULATION STATION 
- M.G.S. TRAVERSE STATION (STANDARD DISK) 
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) 
- U.S.C. & G.S. BENCH MARK 
- MASS. GEODETIC SURVEY BENCH MARK 
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

18.91 Sq.Mi.

LEGEND

- U.S.C.&G.S. AND STATE TRIANGULATION STATIONS ---●---
- MASS. GEODETIC SURVEY TRIANGULATION STATION ---▲---
- M.G.S. TRAVERSE STATION (STANDARD DISK) ---△---
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ---◐---
- U.S.C.&G.S. BENCH MARK ---○---
- MASS. GEODETIC SURVEY BENCH MARK ---■---
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)
- THE COMPLETE DESIGNATION OF TRAVERSE STATIONS CY, CZ, DA TO DS, INCLUSIVE IS M128CY, M128CZ, M128DA, ETC.



14.41 Sq.Mi.

WEYMOUTH

BRAINTREE

11-1-41

BROOKLINE

NORFOLK COUNTY

NEWTON MIDDLESEX COUNTY

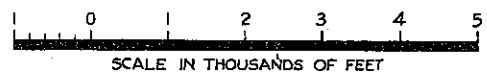
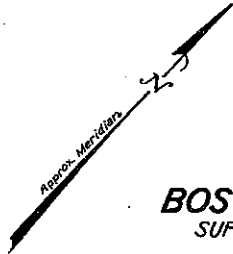
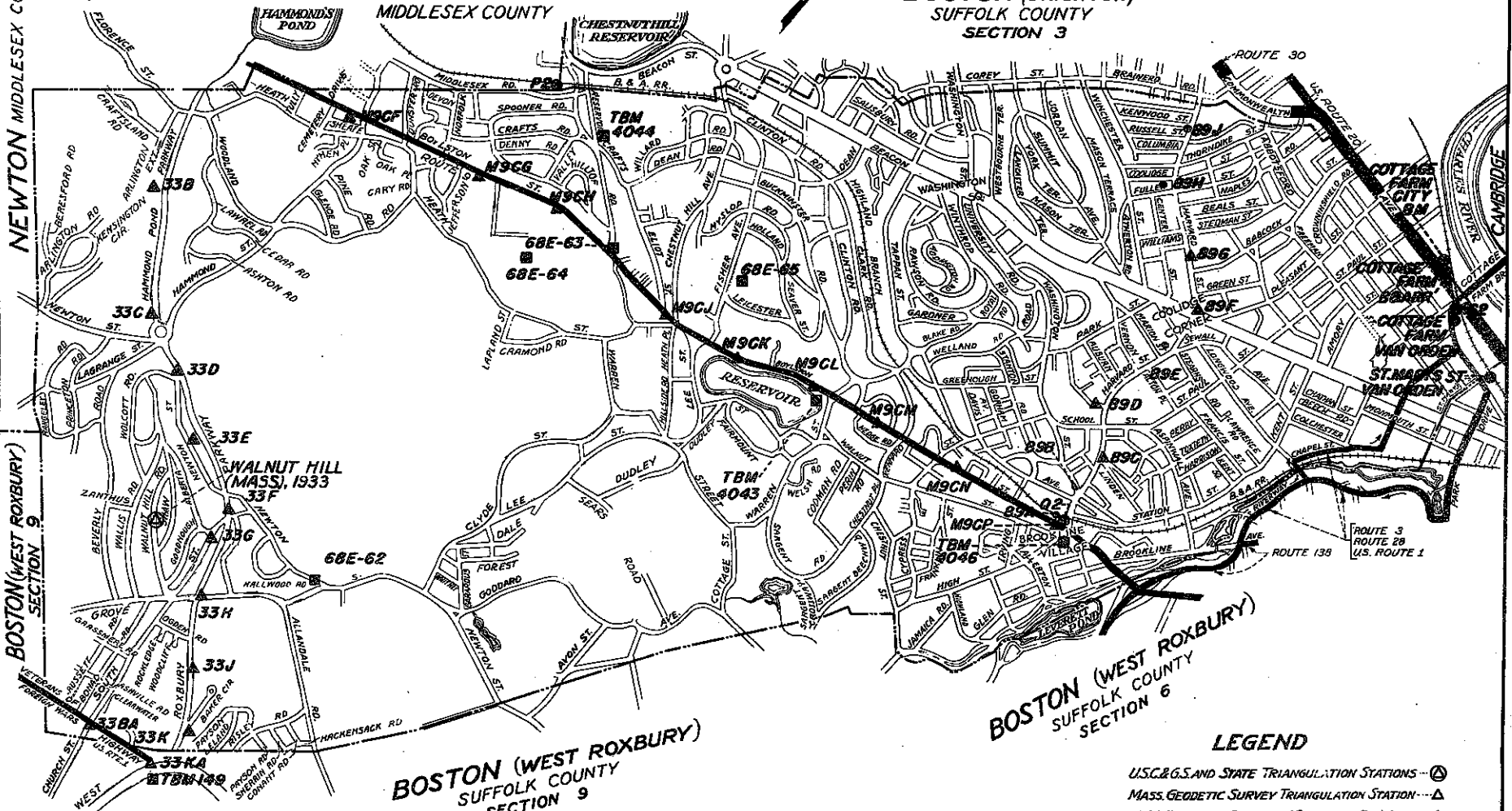
NEWTON
MIDDLESEX COUNTY

BOSTON (BRIGHTON)
SUFFOLK COUNTY
SECTION 3

BOSTON (WEST ROXBURY)
SECTION 9

BOSTON (WEST ROXBURY)
SUFFOLK COUNTY
SECTION 9

BOSTON (WEST ROXBURY)
SUFFOLK COUNTY
SECTION 6



LEGEND

- U.S.C.&G.S. AND STATE TRIANGULATION STATIONS (⊙)
- MASS. GEODETIC SURVEY TRIANGULATION STATION (⊙)
- M.G.S. TRAVERSE STATION (STANDARD DISK) (⊙)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) (●)
- U.S.C.&G.S. BENCH MARK (⊙)
- MASS. GEODETIC SURVEY BENCH MARK (⊙)
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS.)

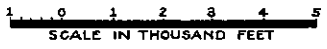
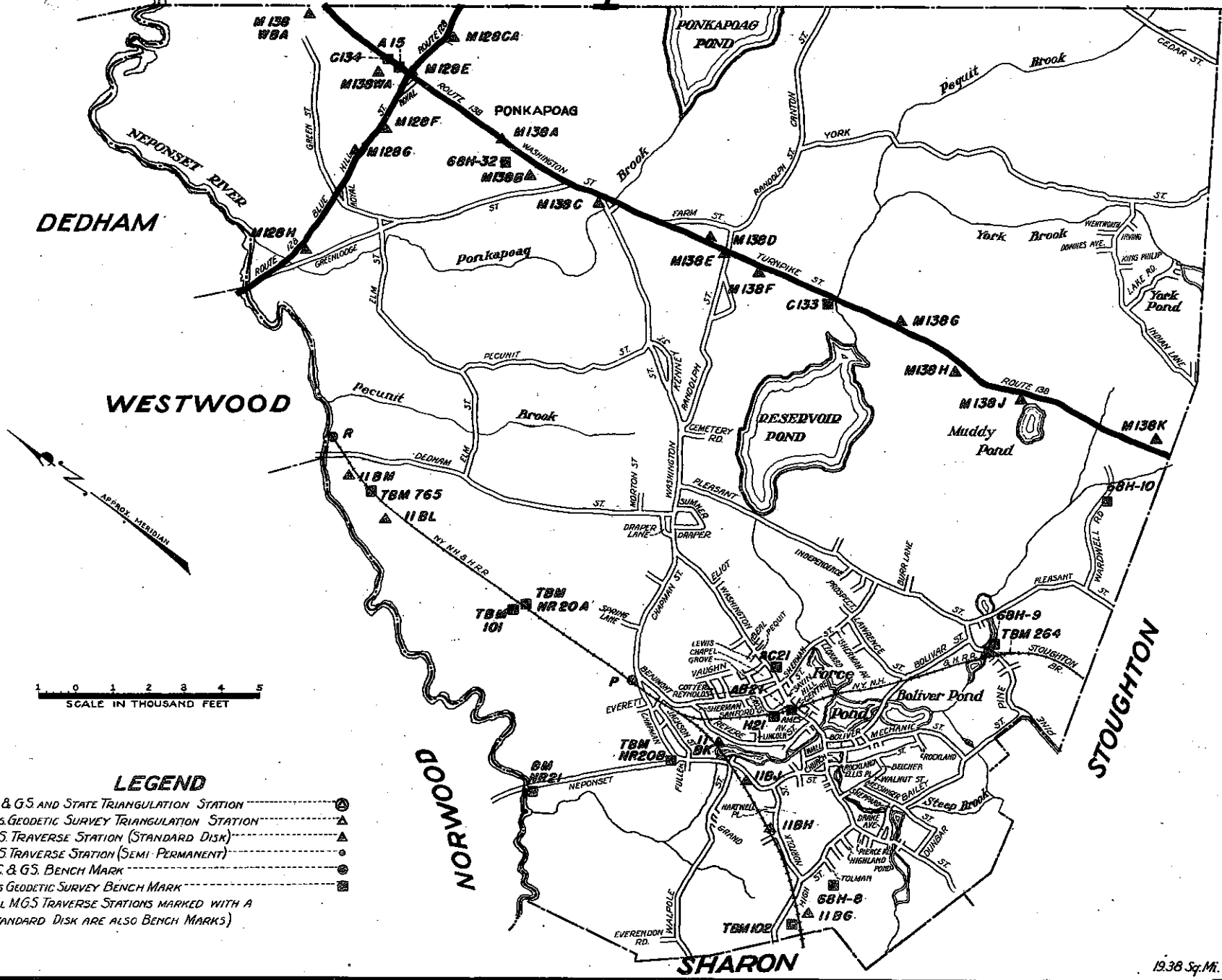
6.82 Sq. Mi.

BOSTON
SUFFOLK COUNTY

MILTON

RANDOLPH

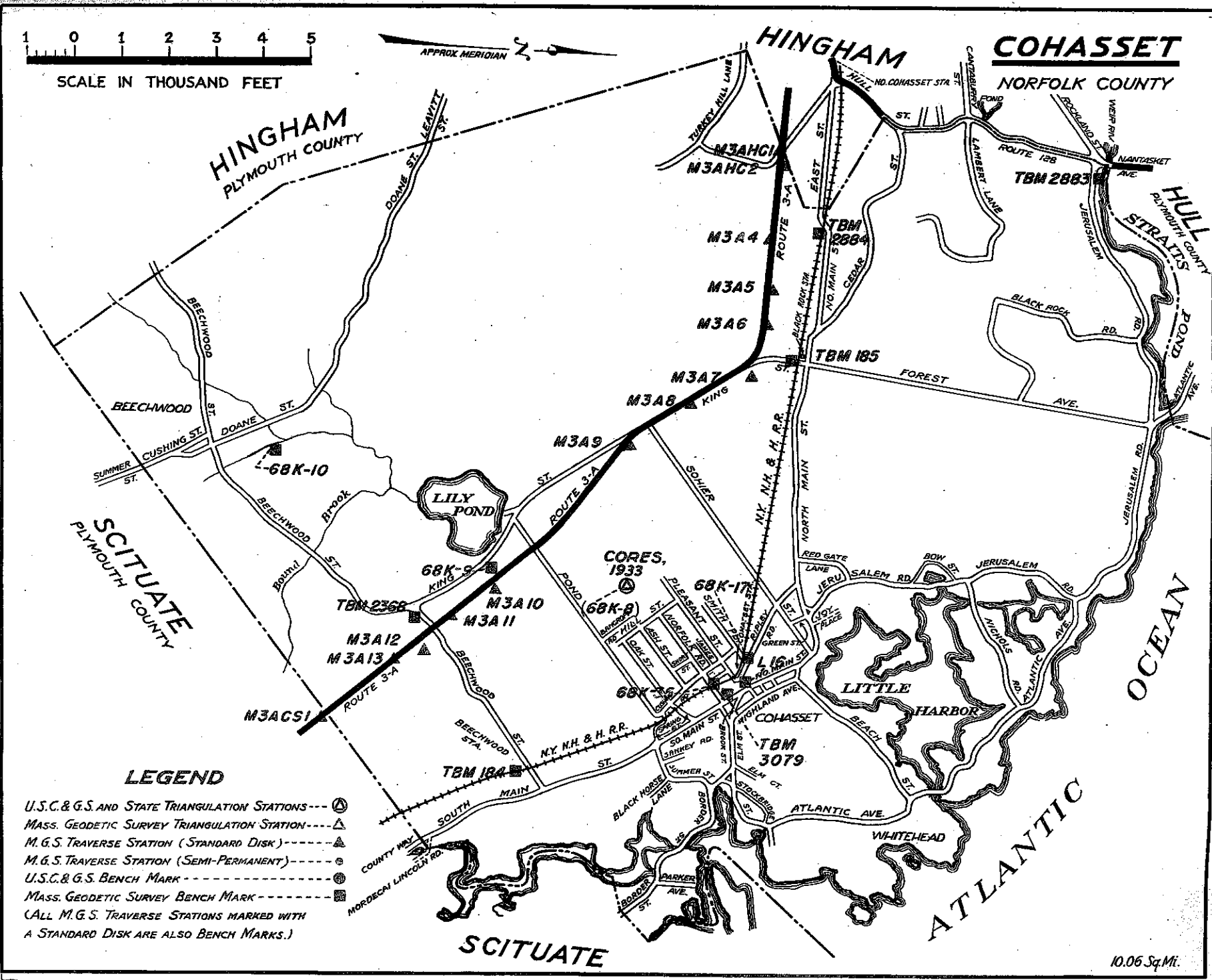
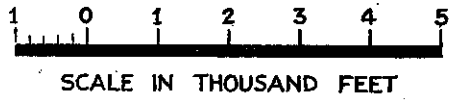
CANTON
NORFOLK COUNTY



LEGEND

- USC & G.S. AND STATE TRIANGULATION STATION ⊙
- MASS. GEODETIC SURVEY TRIANGULATION STATION △
- M.G.S. TRAVERSE STATION (STANDARD DISK) ◻
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ◻
- U.S.C. & G.S. BENCH MARK ⊕
- MASS. GEODETIC SURVEY BENCH MARK ⊕
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

-1-41



LEGEND

- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS --- (circle with dot)
- MASS. GEODETIC SURVEY TRIANGULATION STATION --- (triangle)
- M.G.S. TRAVERSE STATION (STANDARD DISK) --- (square)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) --- (circle with cross)
- U.S.C. & G.S. BENCH MARK --- (circle with dot)
- MASS. GEODETIC SURVEY BENCH MARK --- (square)
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS.)

10.06 Sq. Mi.

COHASSET

11-1-41

DEDHAM

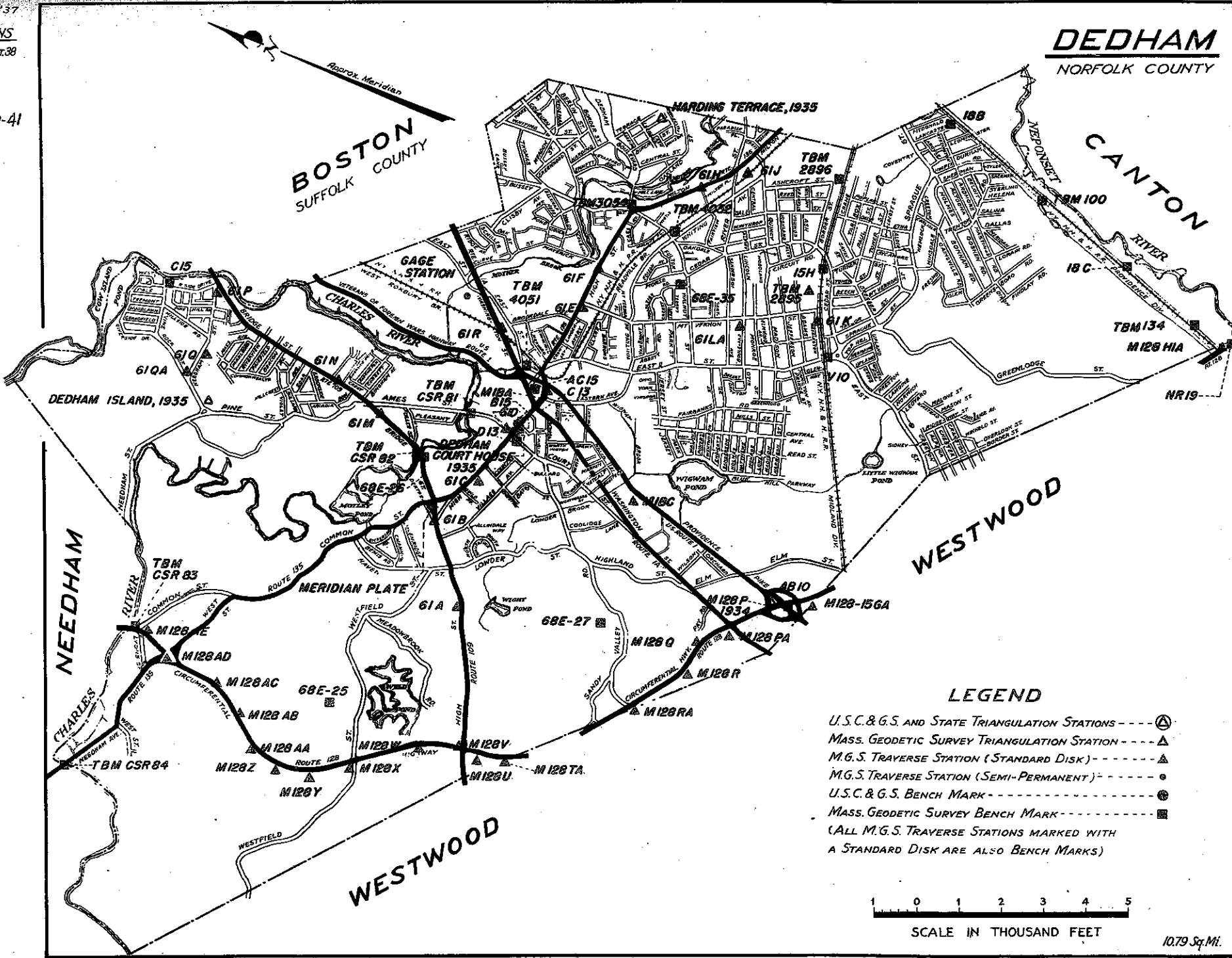
NORFOLK COUNTY

BOSTON
SUFFOLK COUNTY

CANTON

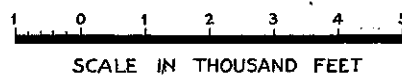
WESTWOOD

NEEDHAM



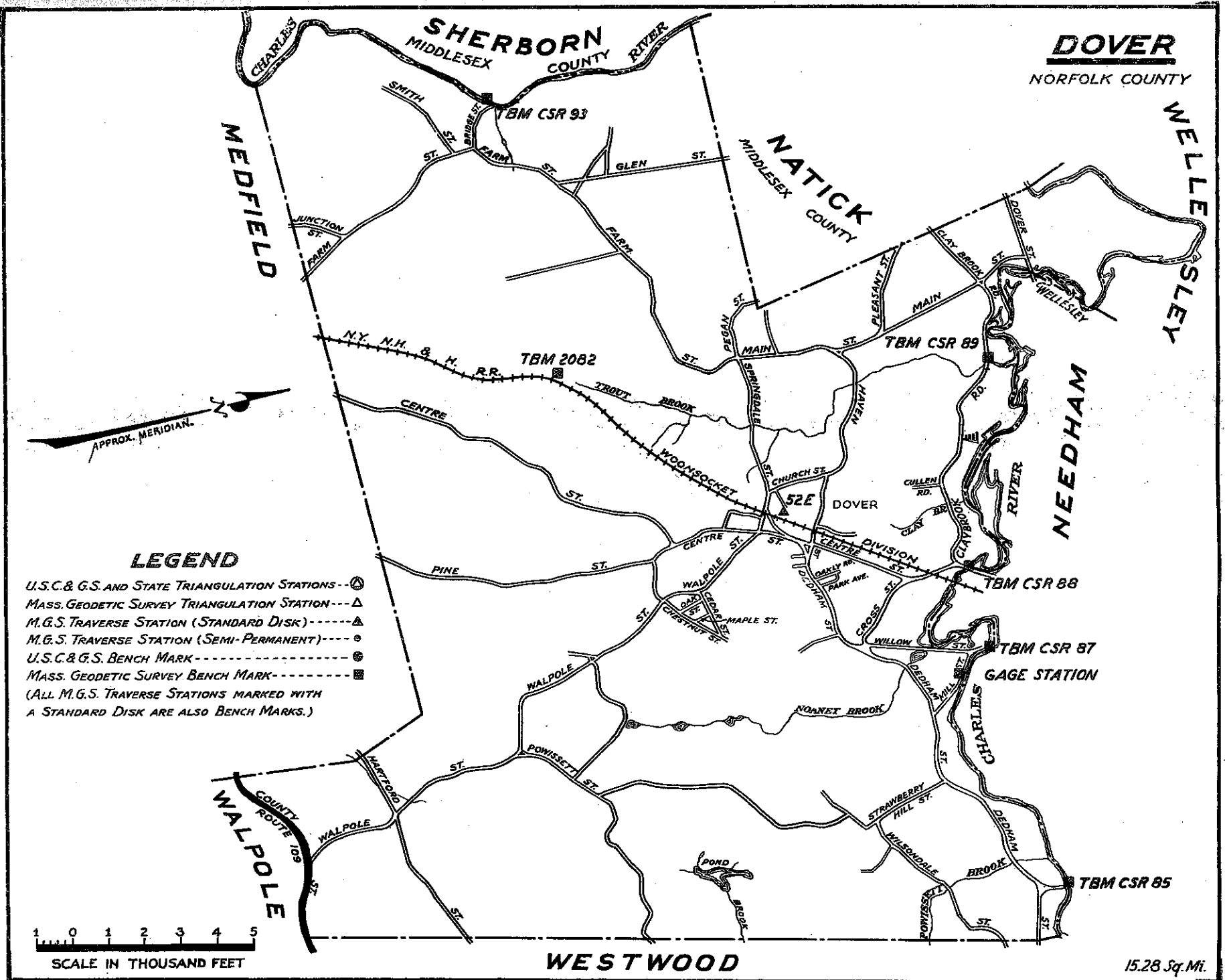
LEGEND

- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS --- (A)
- MASS. GEODETIC SURVEY TRIANGULATION STATION --- (A)
- M.G.S. TRAVERSE STATION (STANDARD DISK) --- (A)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) --- (A)
- U.S.C. & G.S. BENCH MARK --- (B)
- MASS. GEODETIC SURVEY BENCH MARK --- (B)
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)



SCALE IN THOUSAND FEET








10.79 Sq. Mi.



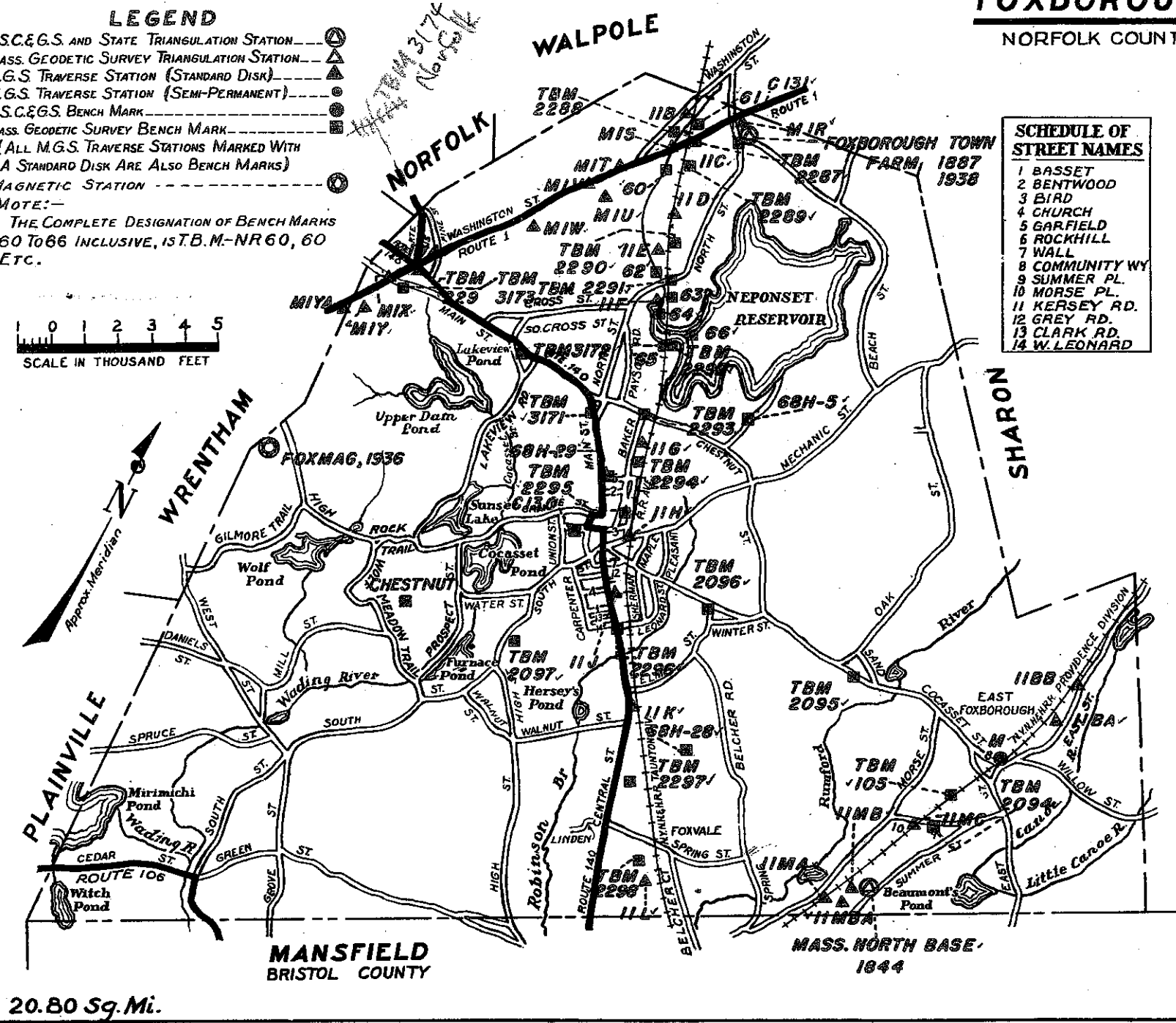
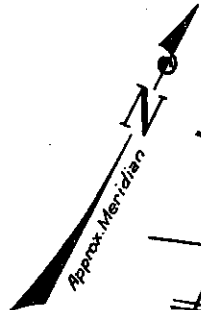
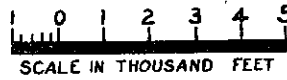
FOXBOROUGH

NORFOLK COUNTY

LEGEND

- U.S.C.&G.S. AND STATE TRIANGULATION STATION 
- MASS. GEODETIC SURVEY TRIANGULATION STATION 
- M.G.S. TRAVERSE STATION (STANDARD DISK) 
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) 
- U.S.C.&G.S. BENCH MARK 
- MASS. GEODETIC SURVEY BENCH MARK 
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)
- MAGNETIC STATION 

NOTE:—
 THE COMPLETE DESIGNATION OF BENCH MARKS 60 TO 66 INCLUSIVE, IS T.B.M.-NR 60, 60 ETC.



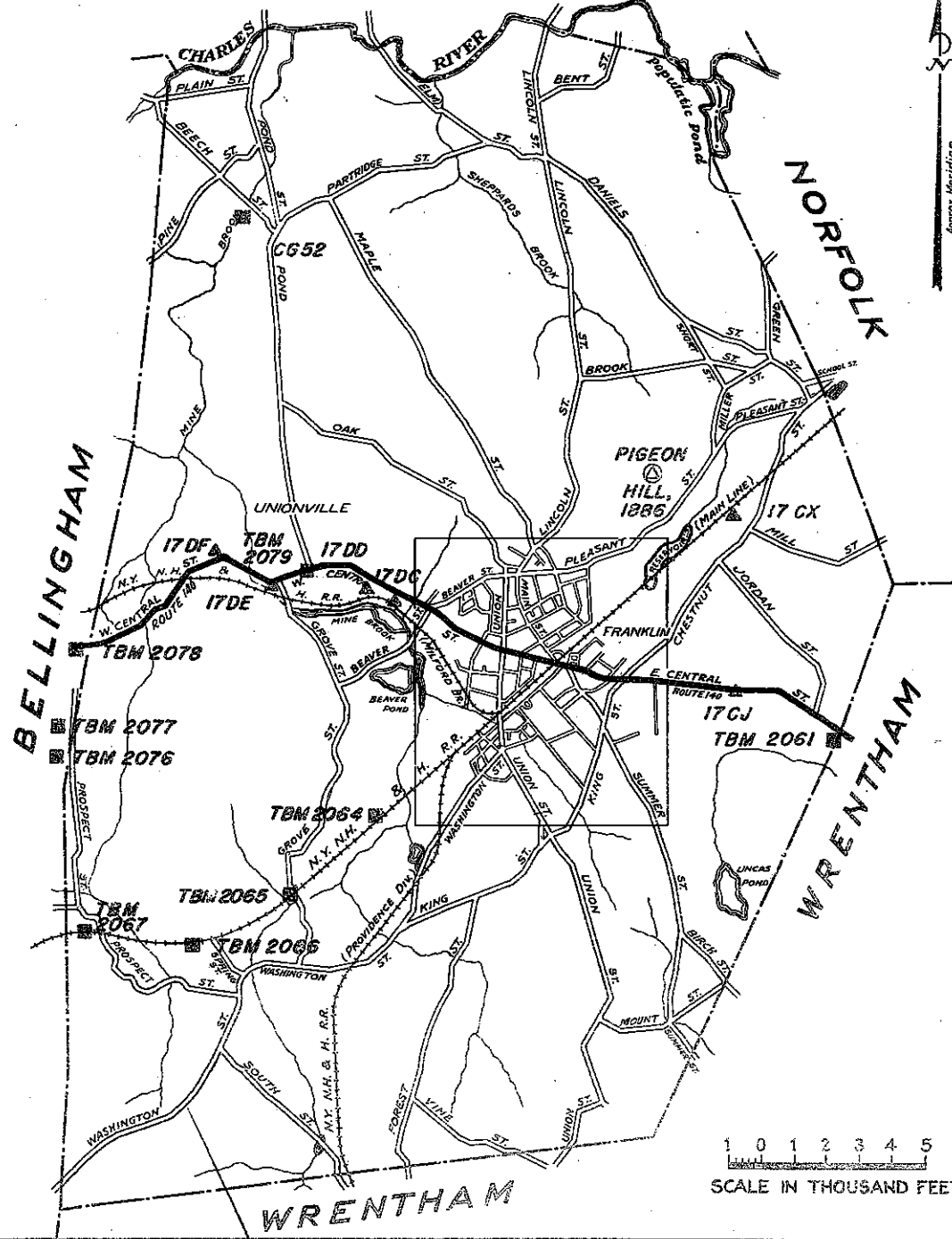
SCHEDULE OF STREET NAMES	
1	BASSET
2	BENTWOOD
3	BIRD
4	CHURCH
5	GARFIELD
6	ROCKHILL
7	WALL
8	COMMUNITY WY
9	SUMMER PL.
10	MORSE PL.
11	KERSEY RD.
12	GREY RD.
13	CLARK RD.
14	W. LEONARD



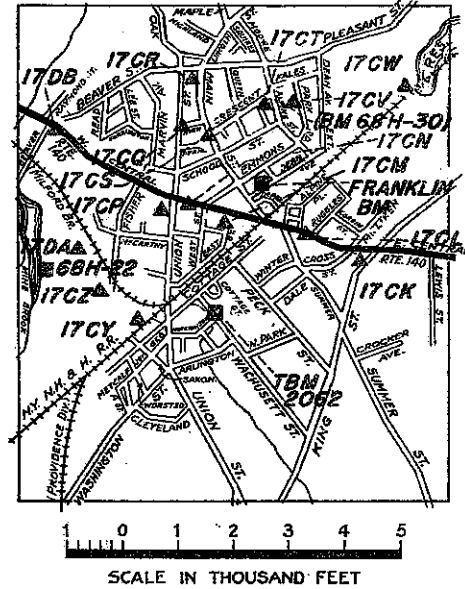
MEDWAY

FRANKLIN

NORFOLK COUNTY

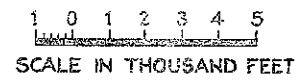


ENLARGEMENT OF FRANKLIN CENTRE AREA



LEGEND

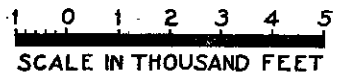
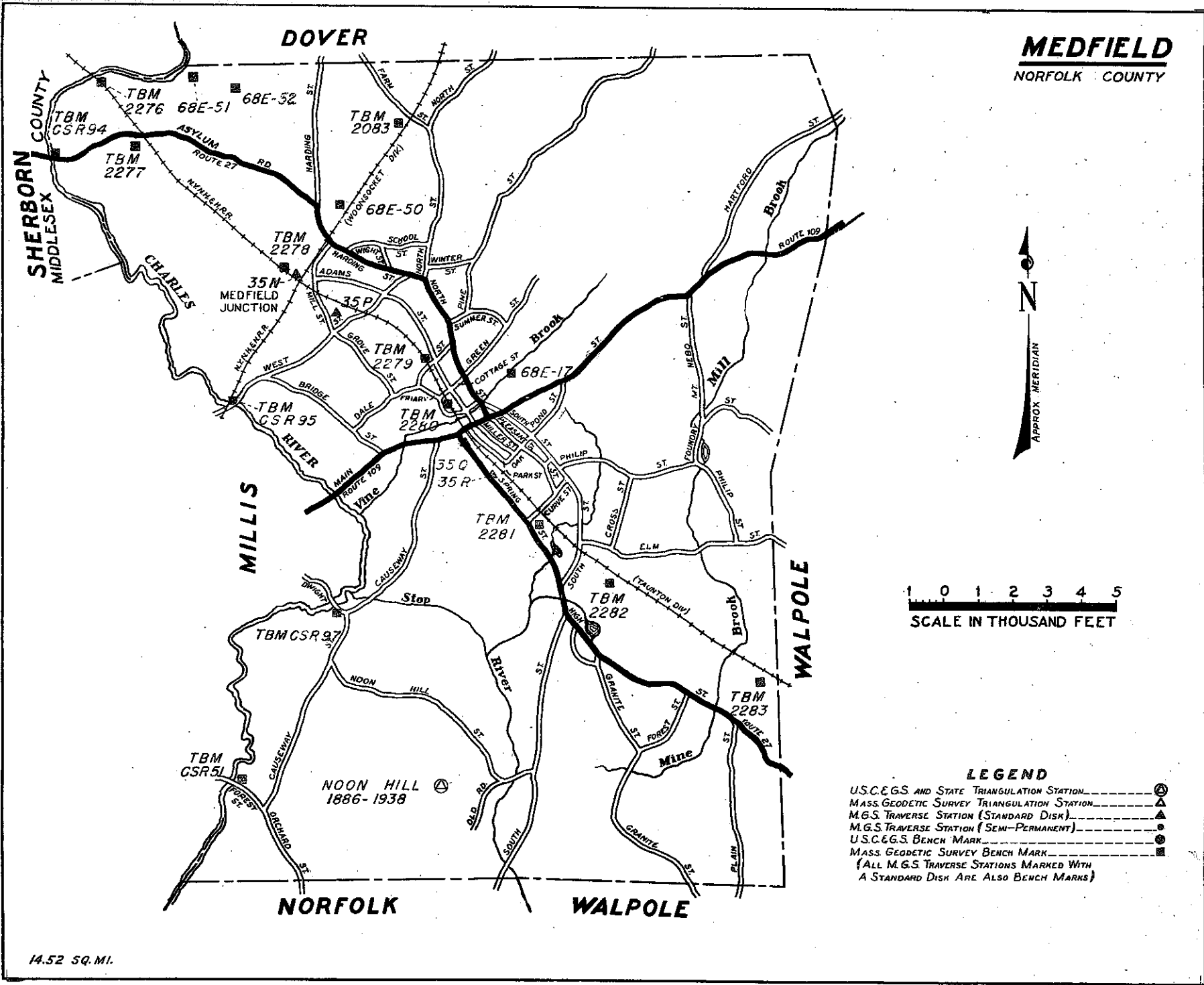
- U.S.C.&G.S. AND STATE TRIANGULATION STATIONS ----- ⊙
- MASS. GEODETIC SURVEY TRIANGULATION STATION ----- △
- M.G.S. TRAVERSE STATION (STANDARD DISK) ----- ▲
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ----- ●
- U.S.C. & G.S. BENCH MARK ----- ⊙
- MASS. GEODETIC SURVEY BENCH MARK ----- ⊙
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS.)



FEB. 1936
 REVISIONS
 ED. SEPT. 1938

11-1-41

MEDFIELD
 NORFOLK COUNTY



- LEGEND**
- U.S.C.G.S. AND STATE TRIANGULATION STATION
 - MASS. GEODETIC SURVEY TRIANGULATION STATION
 - M.G.S. TRAVERSE STATION (STANDARD DISK)
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT)
 - U.S.C.G.S. BENCH MARK
 - MASS. GEODETIC SURVEY BENCH MARK
 - (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

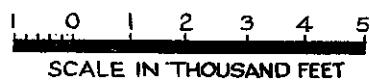
14.52 SQ. MI.

MEDWAY NORFOLK COUNTY

Note: The complete designation of
Bench Marks 32-107 is TBMCSR 32



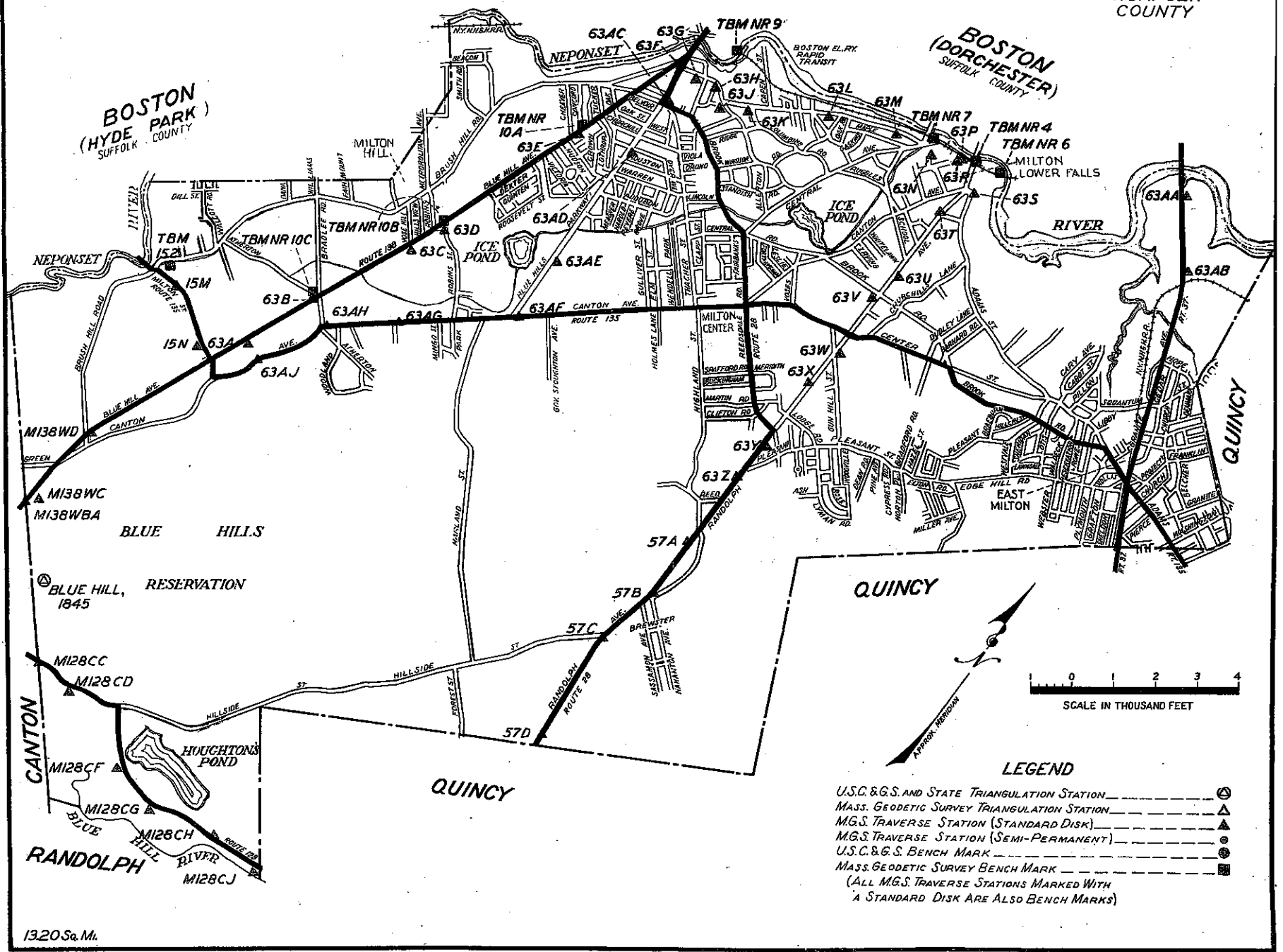
11.66 Sq. Mi.









- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS
 - MASS. GEODETIC SURVEY TRIANGULATION STATION
 - M.G.S. TRAVERSE STATION (STANDARD DISK)
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT)
 - U.S.C. & G.S. BENCH MARK
 - MASS. GEODETIC SURVEY BENCH MARK
 - (ALL M.G.S. TRAVERSE STATIONS MARK WITH A STANDARD DISK ARE ALSO BENCH MARKS)

11-1-41

MILTON
 NORFOLK COUNTY

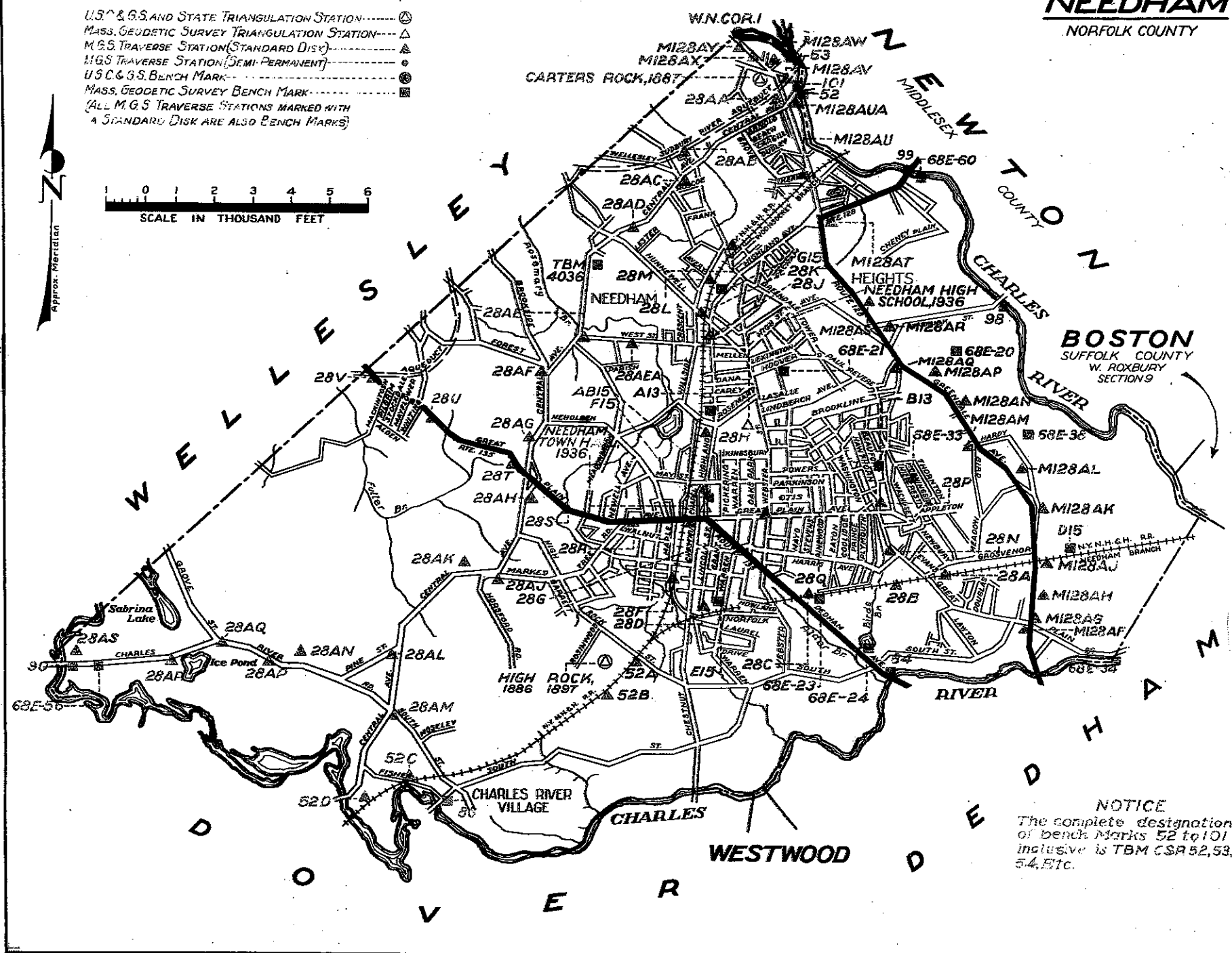
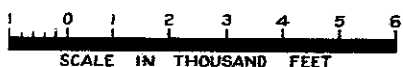


1320 So. M.

- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATION 
 - MASS. GEODETIC SURVEY TRIANGULATION STATION 
 - M.G.S. TRAVERSE STATION (STANDARD DISK) 
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT) 
 - U.S.C. & G.S. BENCH MARK 
 - MASS. GEODETIC SURVEY BENCH MARK 
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

NEEDHAM
 NORFOLK COUNTY

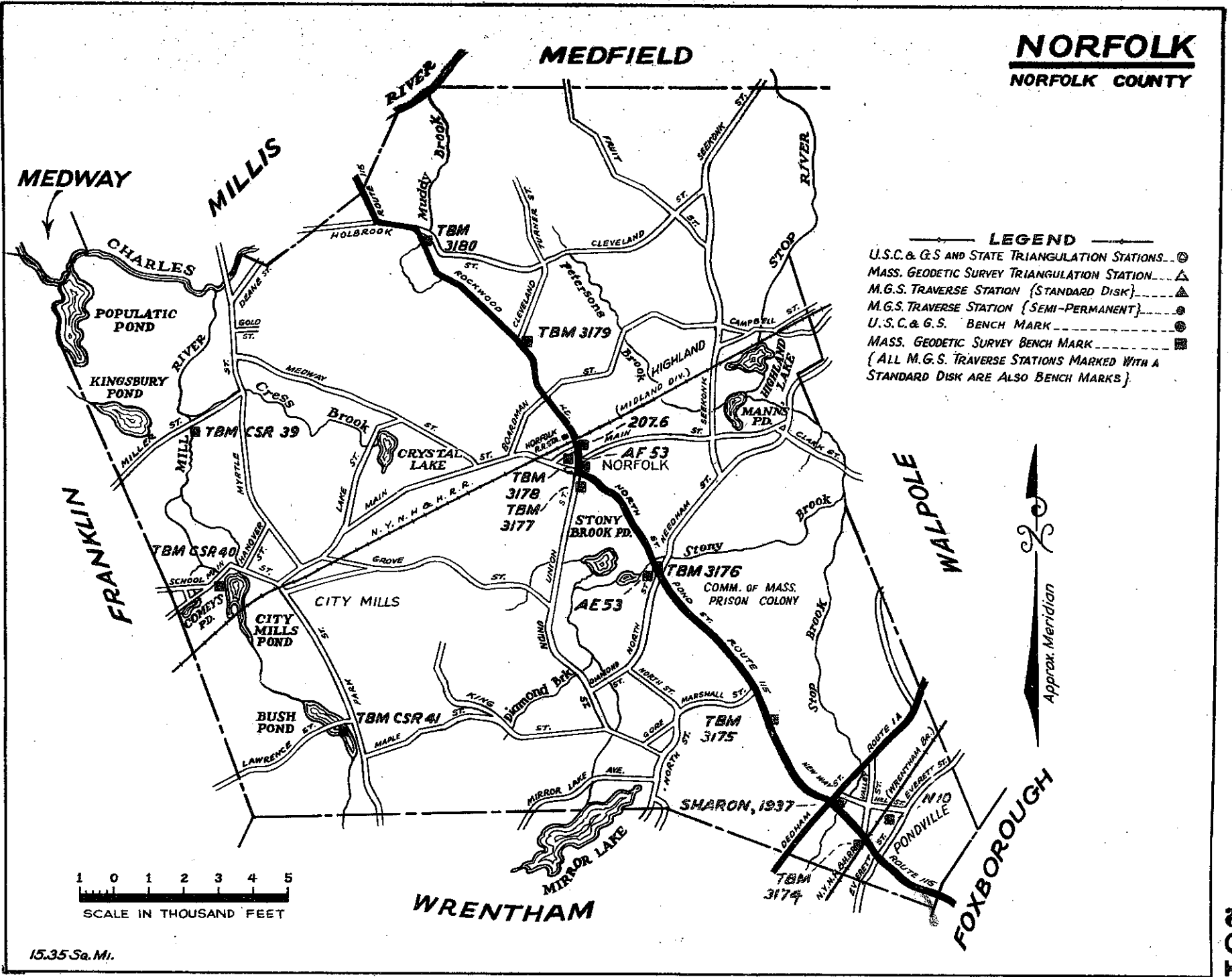
- U.S. & G.S. AND STATE TRIANGULATION STATION ----- (O)
- MASS. GEODETIC SURVEY TRIANGULATION STATION ----- (Δ)
- M.G.S. TRAVERSE STATION (STANDARD DISK) ----- (Δ)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ----- (●)
- U.S.C. & G.S. BENCH MARK ----- (●)
- MASS. GEODETIC SURVEY BENCH MARK ----- (■)
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)



NOTICE
 The complete designation of bench Marks 52 to 101 inclusive is TBM CSR 52, 53, 54, etc.

NORFOLK

NORFOLK COUNTY



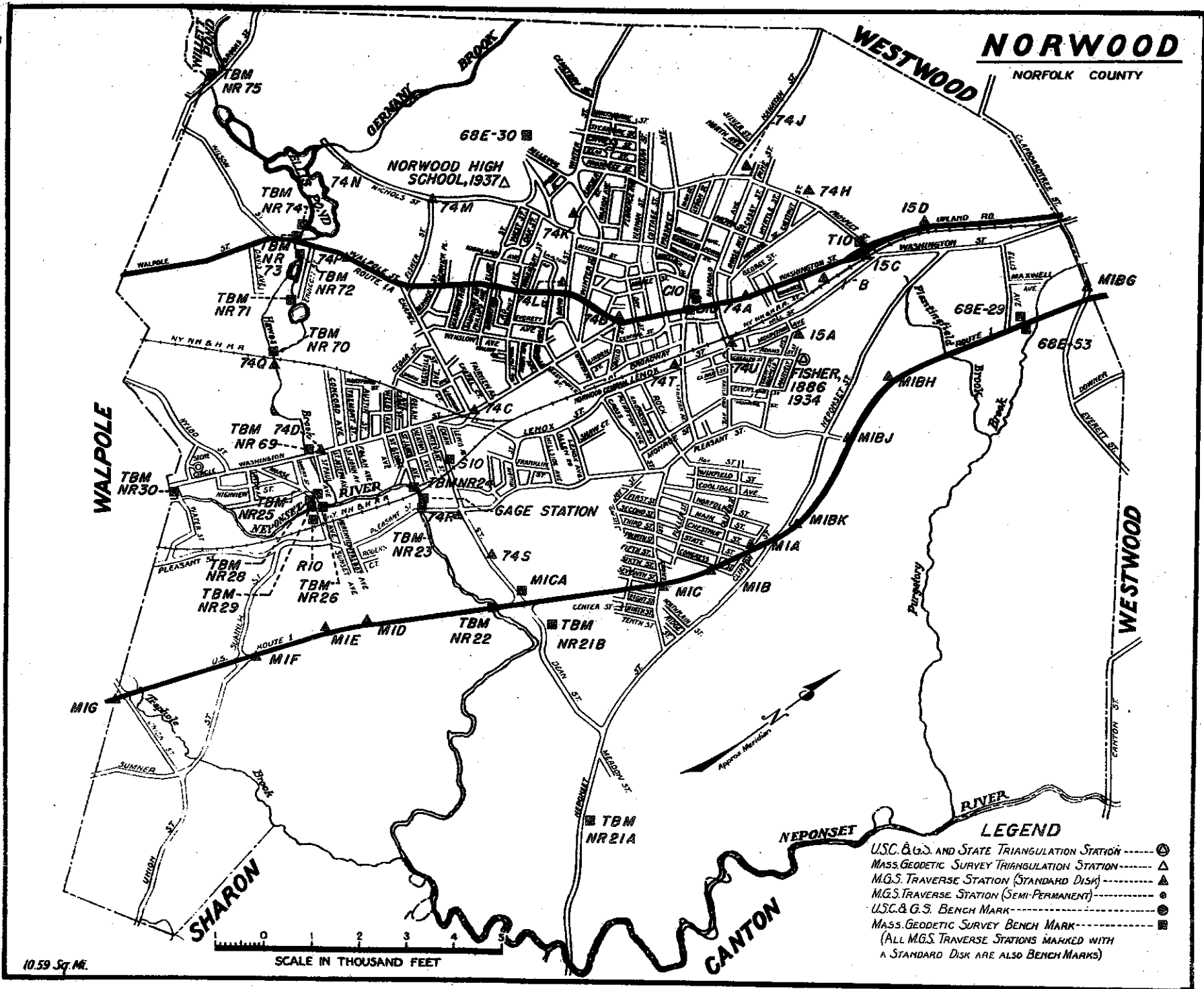
LEGEND

- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS... ⊙
- MASS. GEODETIC SURVEY TRIANGULATION STATION... △
- M.G.S. TRAVERSE STATION {STANDARD DISK}... □
- M.G.S. TRAVERSE STATION {SEMI-PERMANENT}... ◻
- U.S.C. & G.S. BENCH MARK... ⊕
- MASS. GEODETIC SURVEY BENCH MARK... ⊕
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

1 0 1 2 3 4 5
SCALE IN THOUSAND FEET

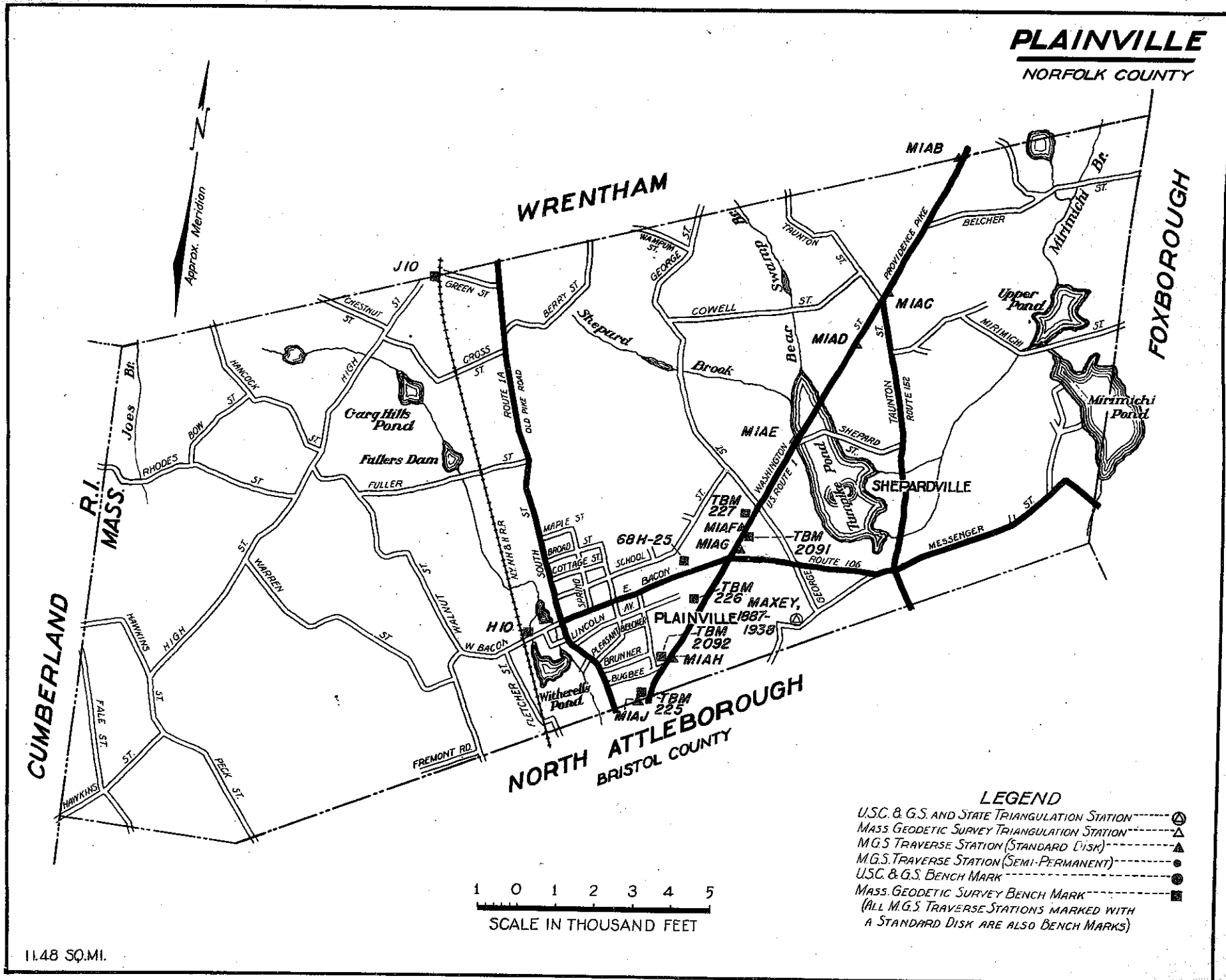
15.35 Sq. Mi.

11-1-41

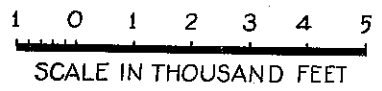


11-1-41

PLAINVILLE
 NORFOLK COUNTY



11.48 SQ. MI.



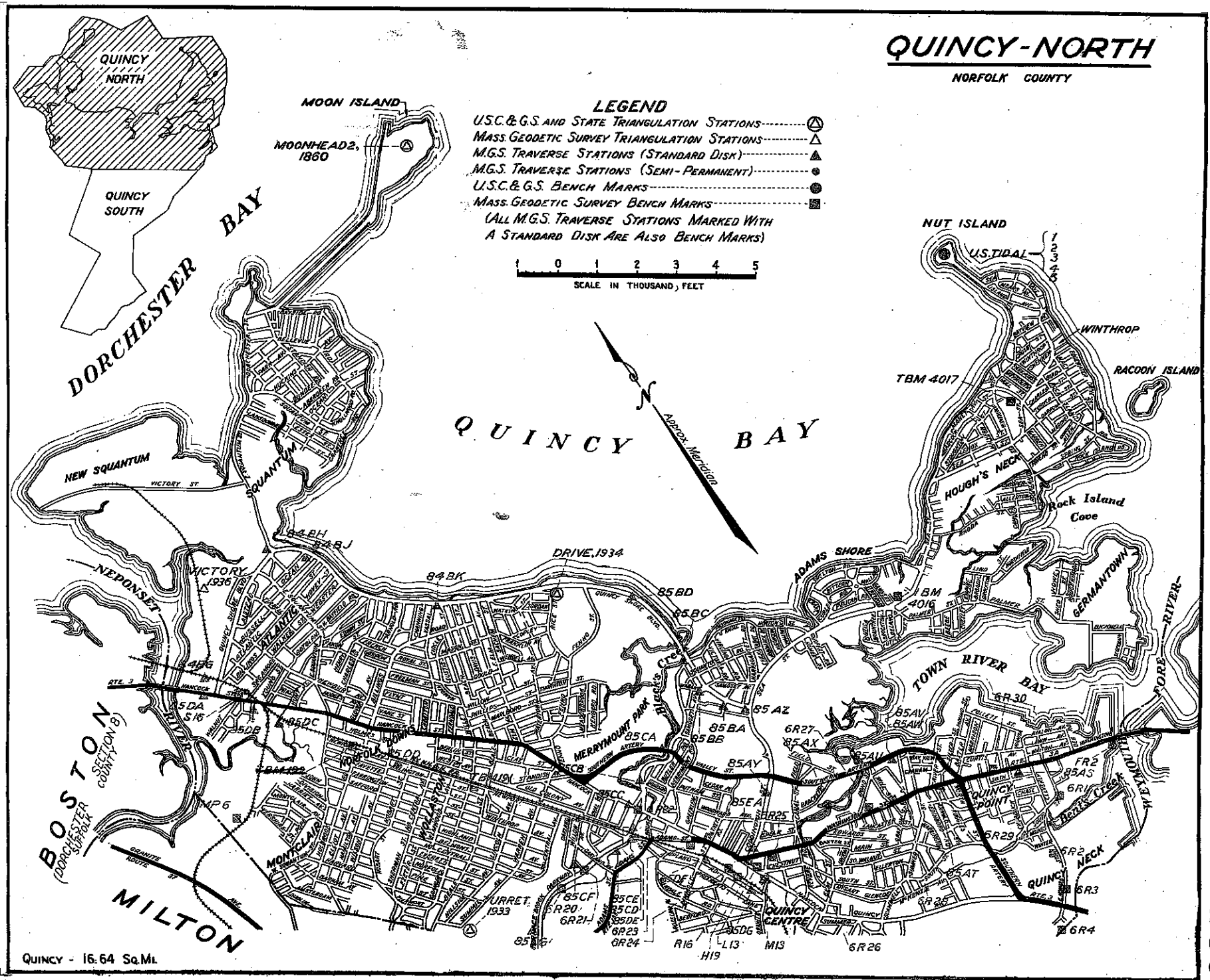
- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATION
 - MASS GEODETIC SURVEY TRIANGULATION STATION
 - M.G.S. TRAVERSE STATION (STANDARD DISK)
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT)
 - U.S.C. & G.S. BENCH MARK
 - MASS. GEODETIC SURVEY BENCH MARK
 - (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

2003

11-1-41

QUINCY-NORTH

NORFOLK COUNTY

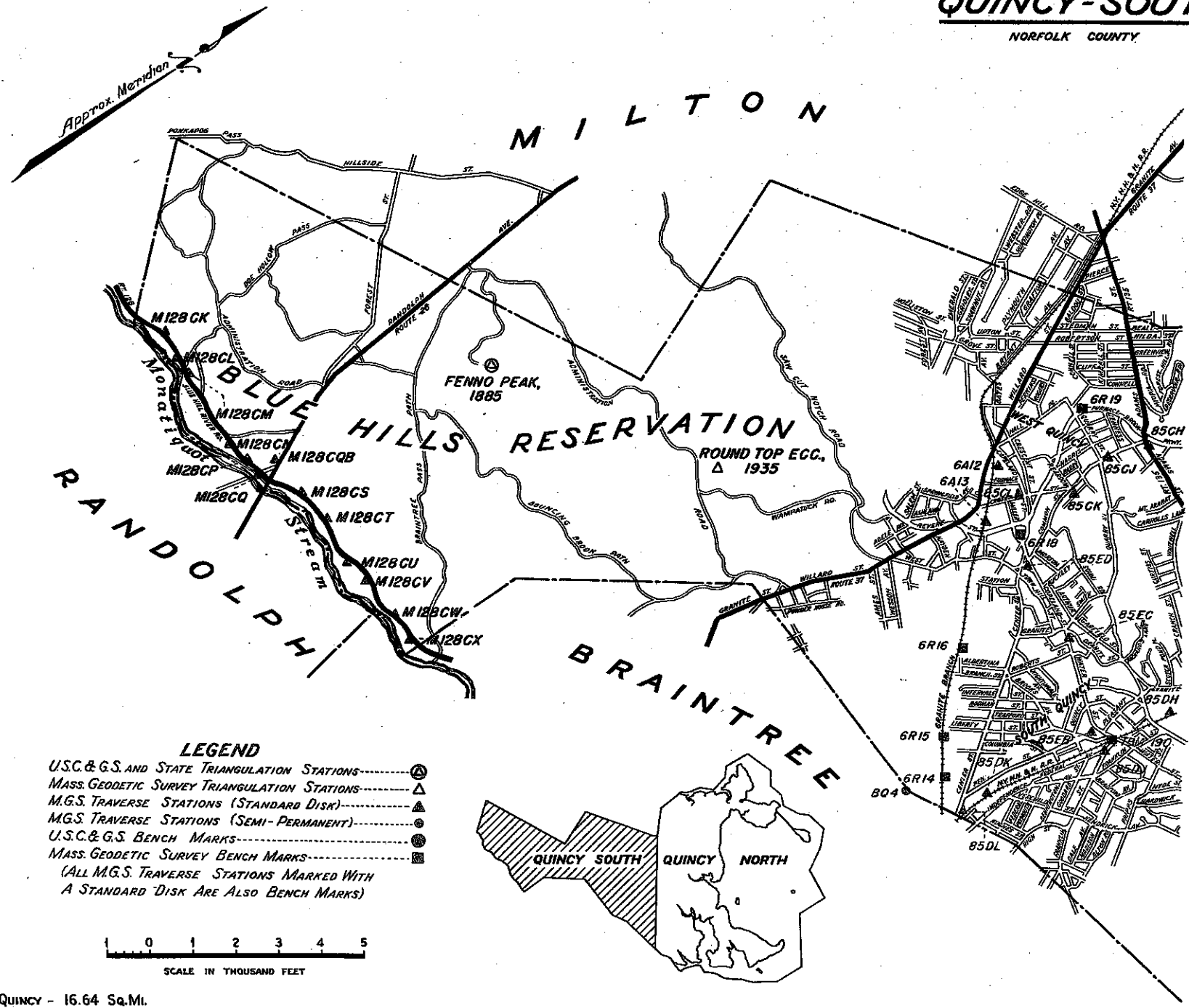


Quincy - 16.64 Sq.Mi.

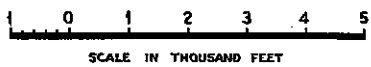
QUINCY-SOUTH

NORFOLK COUNTY

2200



- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS.....⊙
 - MASS. GEODETIC SURVEY TRIANGULATION STATIONS.....△
 - M.G.S. TRAVERSE STATIONS (STANDARD DISK).....⊠
 - M.G.S. TRAVERSE STATIONS (SEMI-PERMANENT).....⊡
 - U.S.C. & G.S. BENCH MARKS.....⊕
 - MASS. GEODETIC SURVEY BENCH MARKS.....⊞
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

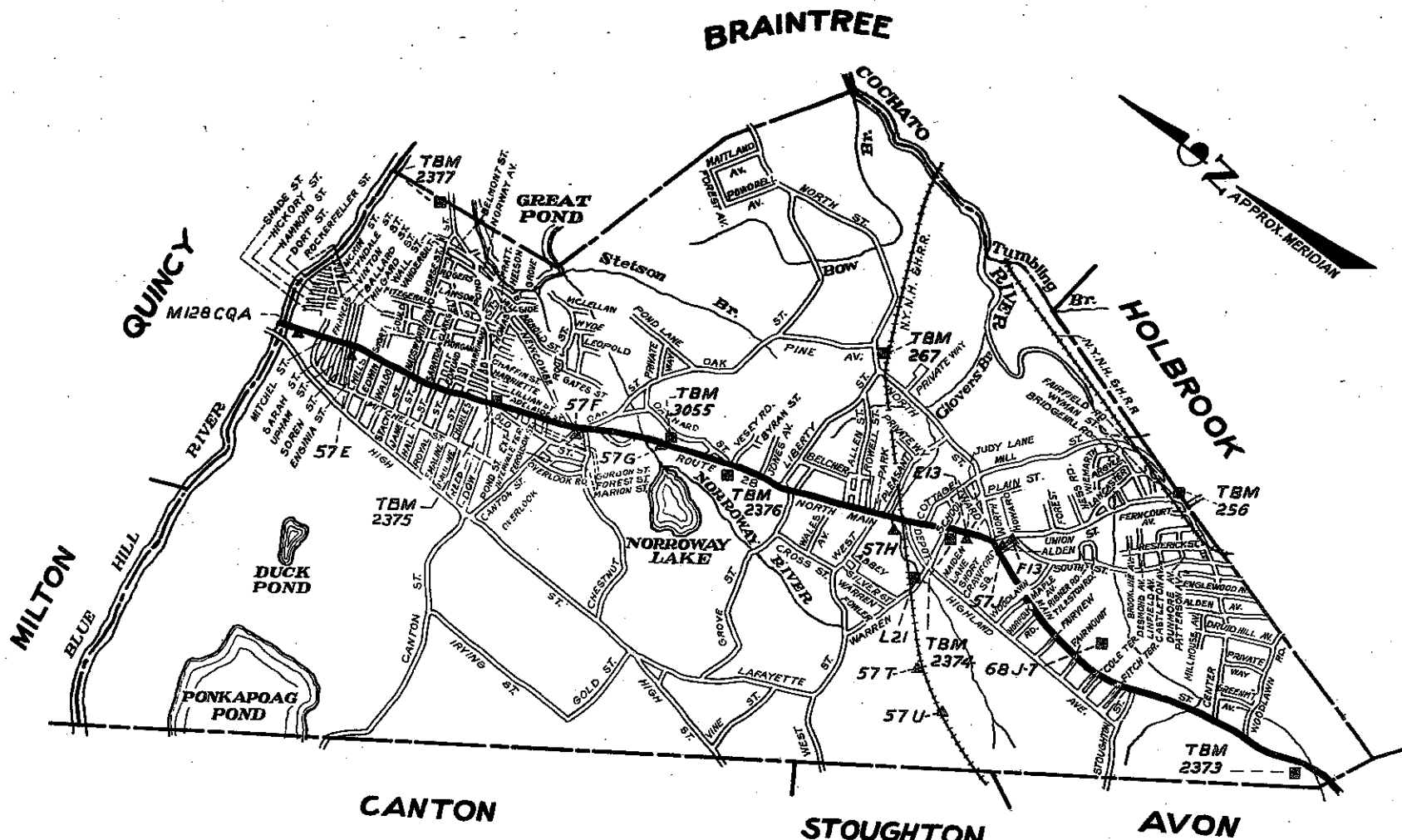


QUINCY - 16.64 Sq.Mi.

11-4-91

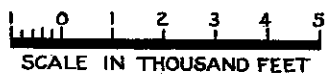
RANDOLPH

NORFOLK COUNTY



LEGEND

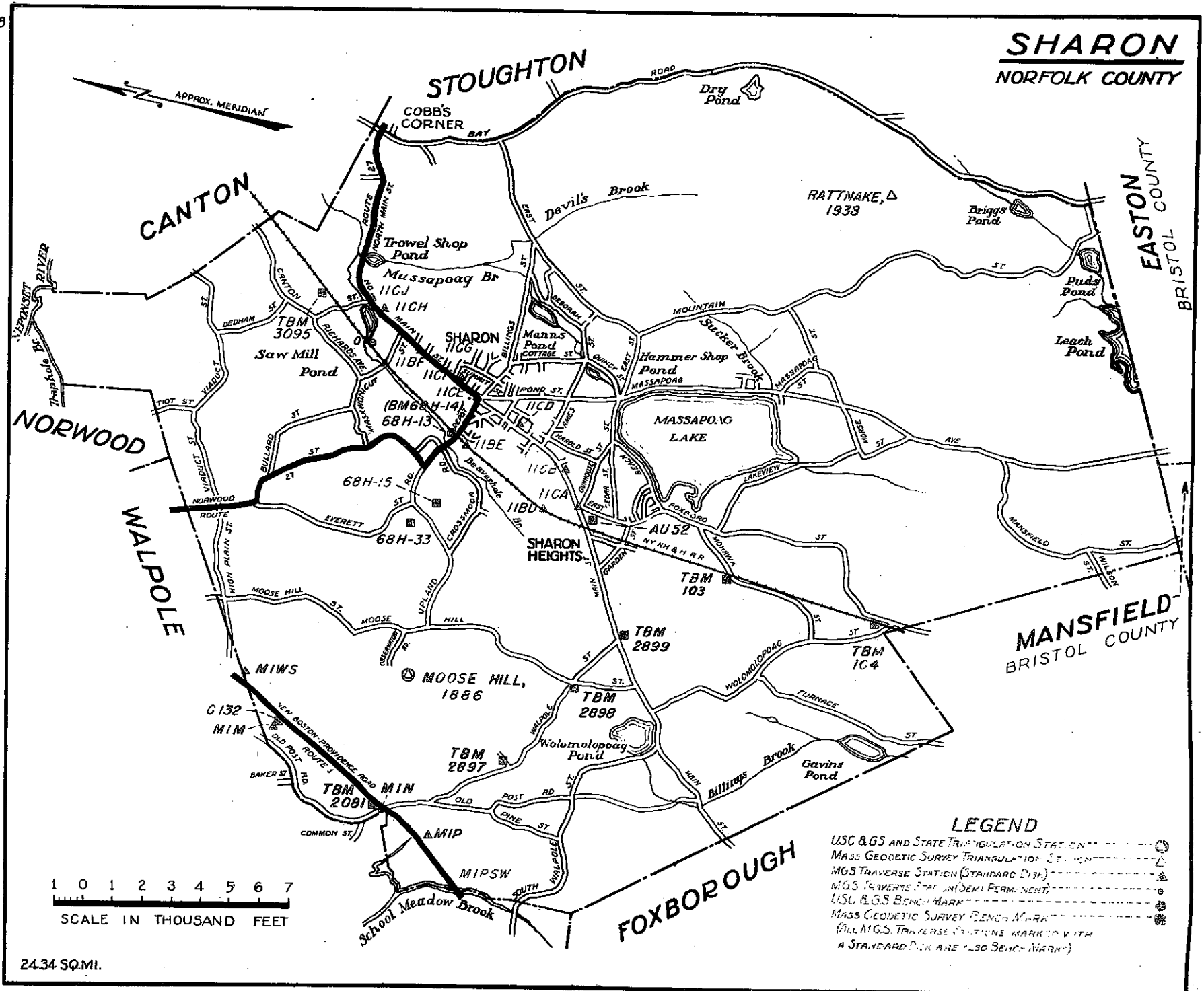
- U.S.C.&G.S AND STATE TRIANGULATION STATION—⊙
- MASS. GEODETIC SURVEY TRIANGULATION STATION—△
- M.G.S. TRAVERSE STATION (STANDARD DISC)—⬢
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT)—●
- U.S.C.&G.S. BENCH MARK—⊙
- MASS. GEODETIC SURVEY BENCH MARK—⊙
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)



10.32 SQ. MI.

287

SHARON
 NORFOLK COUNTY



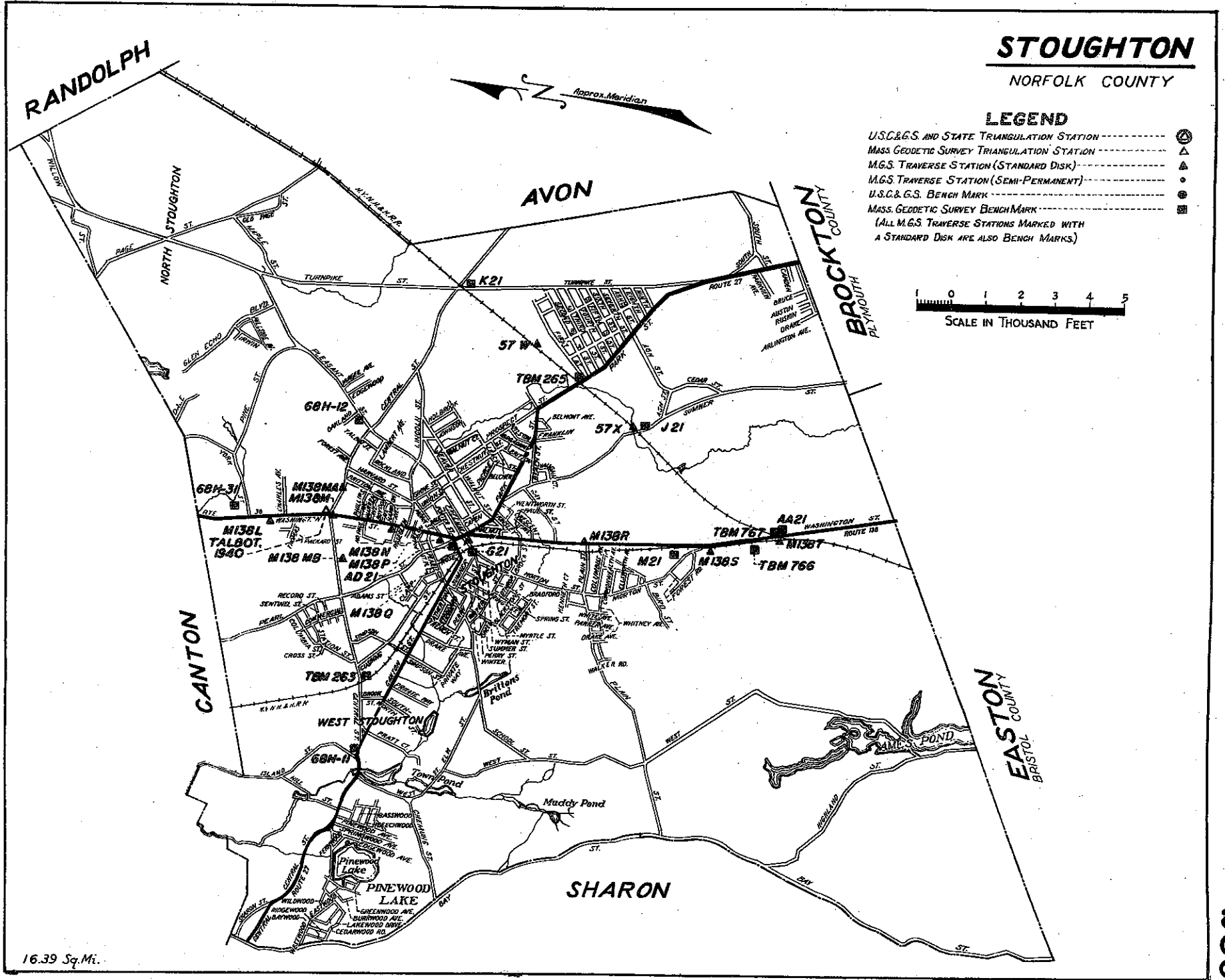
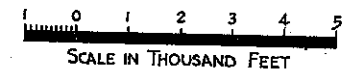
24.34 SQ. MI.

STOUGHTON

NORFOLK COUNTY

LEGEND

- U.S.C.&G.S. AND STATE TRIANGULATION STATION ----- (A)
- MASS. GEODETIC SURVEY TRIANGULATION STATION ----- (Δ)
- M.G.S. TRAVERSE STATION (STANDARD DISK) ----- (◻)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT) ----- (•)
- U.S.C.&G.S. BENCH MARK ----- (•)
- MASS. GEODETIC SURVEY BENCH MARK ----- (◻)
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)



16.39 Sq. Mi.

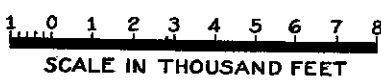
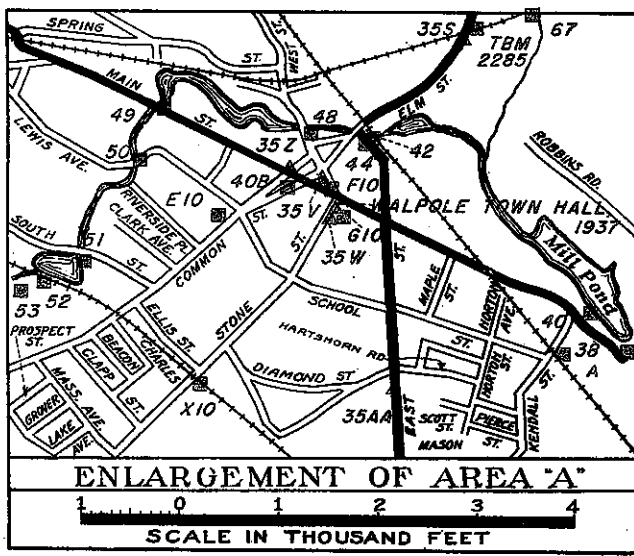
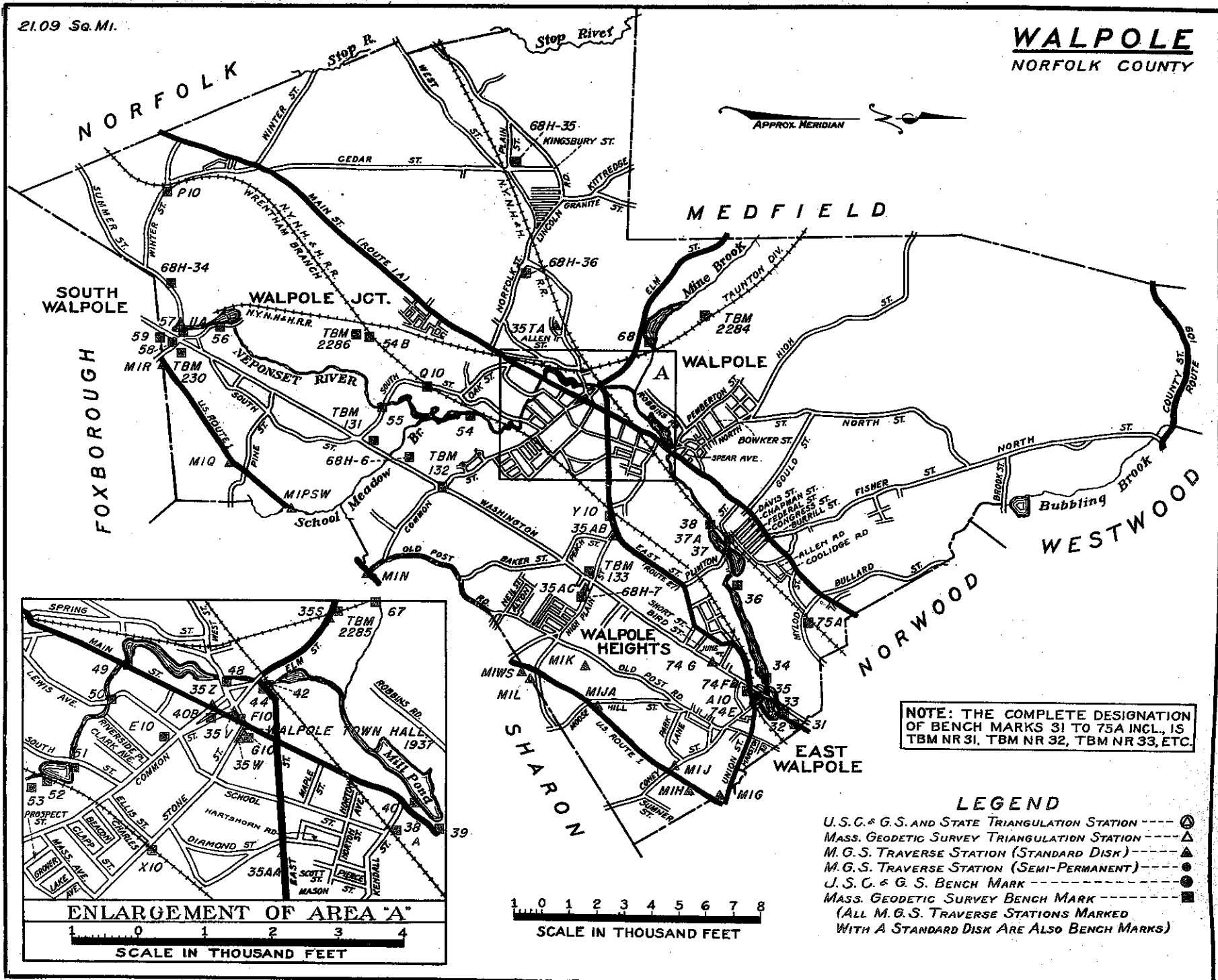
11-1-41

21.09 Sq. Mi.

WALPOLE

NORFOLK COUNTY

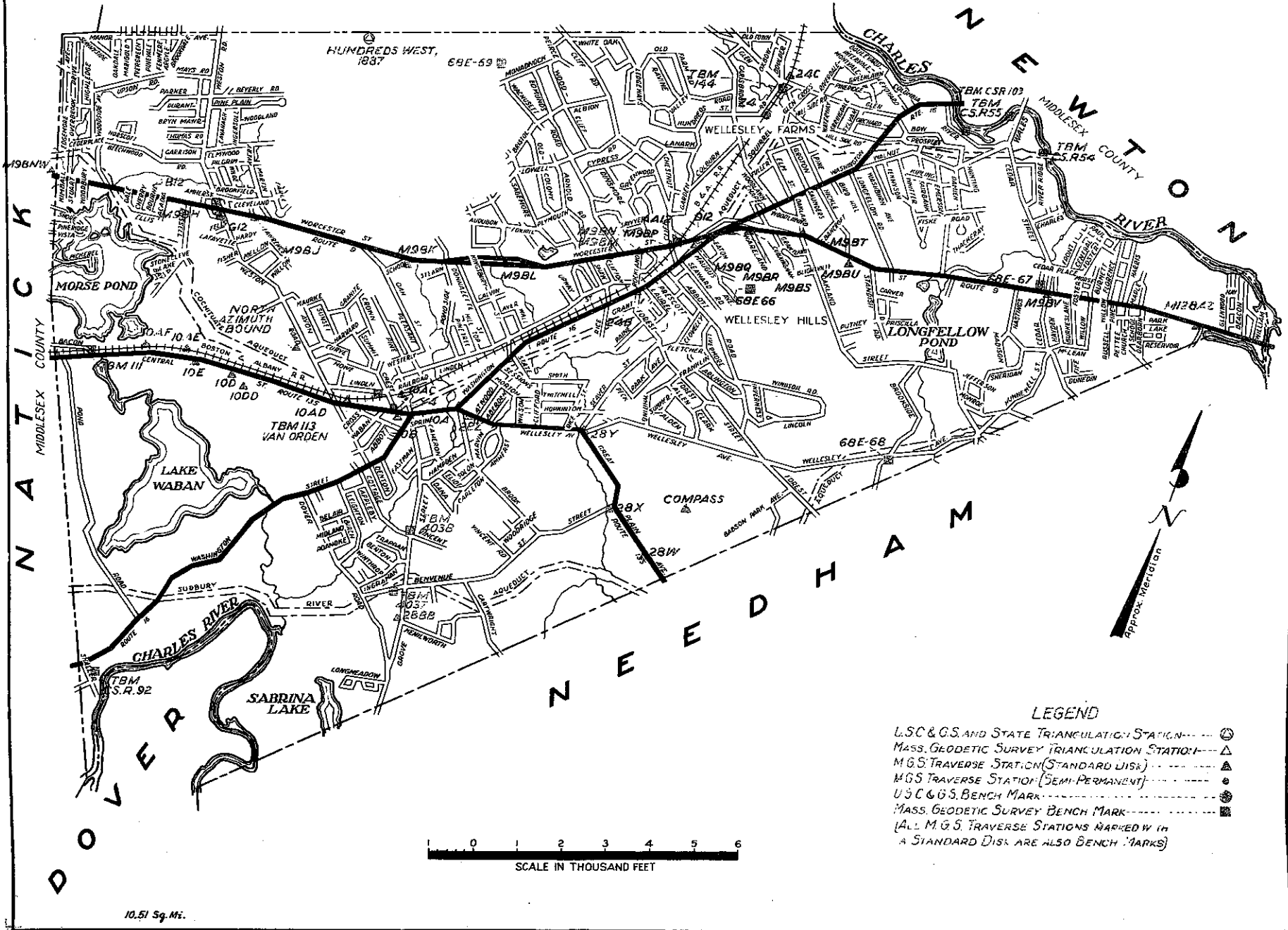
082



NOTE: THE COMPLETE DESIGNATION OF BENCH MARKS 31 TO 75A INCL., IS TBM NR 31, TBM NR 32, TBM NR 33, ETC.

- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATION --- (circle with dot)
 - MASS. GEODETIC SURVEY TRIANGULATION STATION --- (triangle)
 - M.G.S. TRAVERSE STATION (STANDARD DISK) --- (square)
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT) --- (circle)
 - J.S.C. & G.S. BENCH MARK --- (circle with cross)
 - MASS. GEODETIC SURVEY BENCH MARK --- (square)
 - (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

WESTON
 MIDDLESEX COUNTY



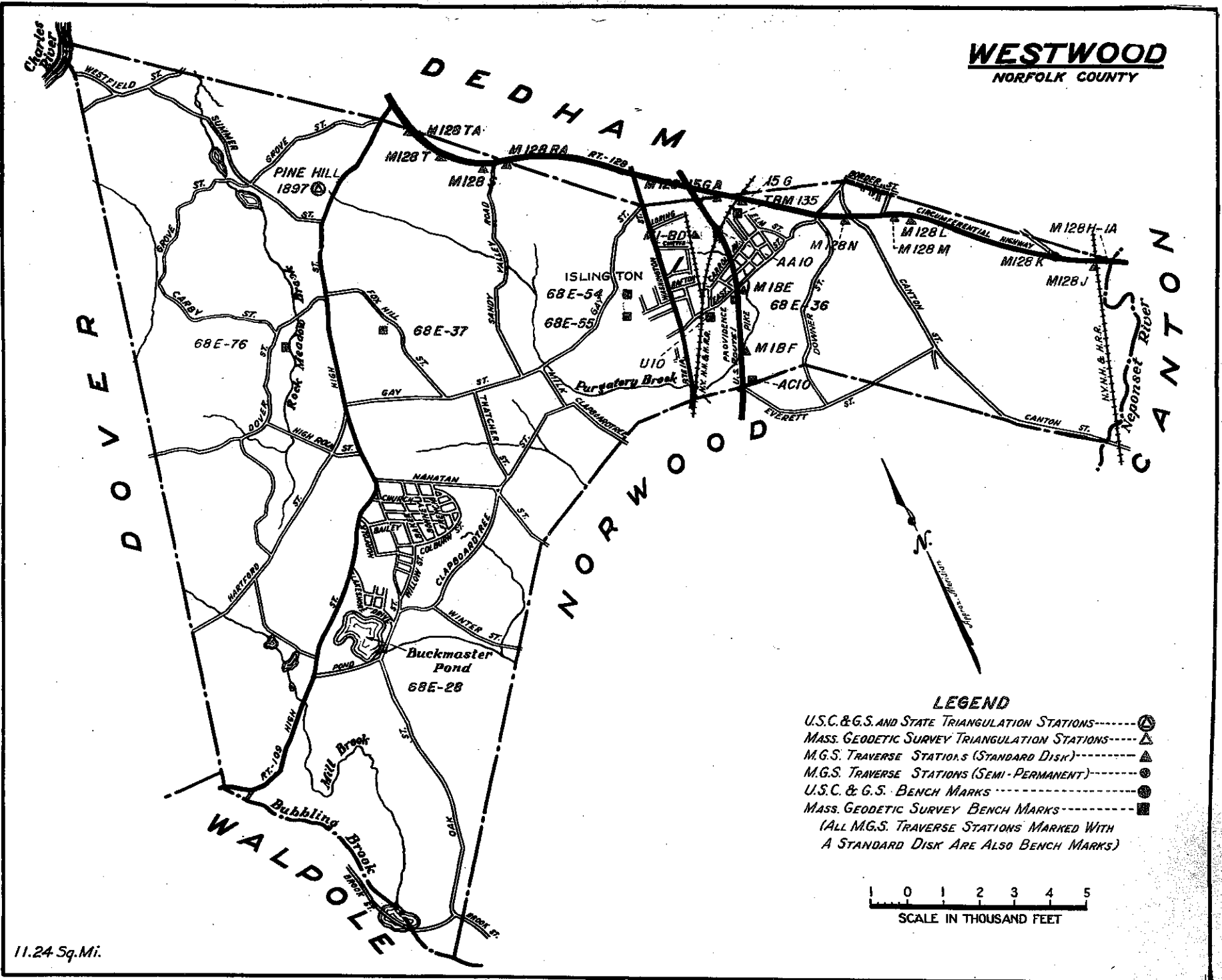
10.51 Sq. Mi.

0 1 2 3 4 5 6
 SCALE IN THOUSAND FEET

- LEGEND**
- U.S.C. & G.S. AND STATE TRIANGULATION STATION: ○
 - MASS. GEODETIC SURVEY TRIANGULATION STATION: △
 - M.G.S. TRAVERSE STATION (STANDARD DISK): ▲
 - M.G.S. TRAVERSE STATION (SEMI-PERMANENT): ◆
 - U.S.C. & G.S. BENCH MARK: ●
 - MASS. GEODETIC SURVEY BENCH MARK: ■
 - (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

WESTWOOD

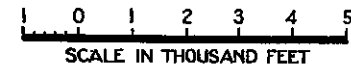
NORFOLK COUNTY



11.24 Sq. Mi.

LEGEND

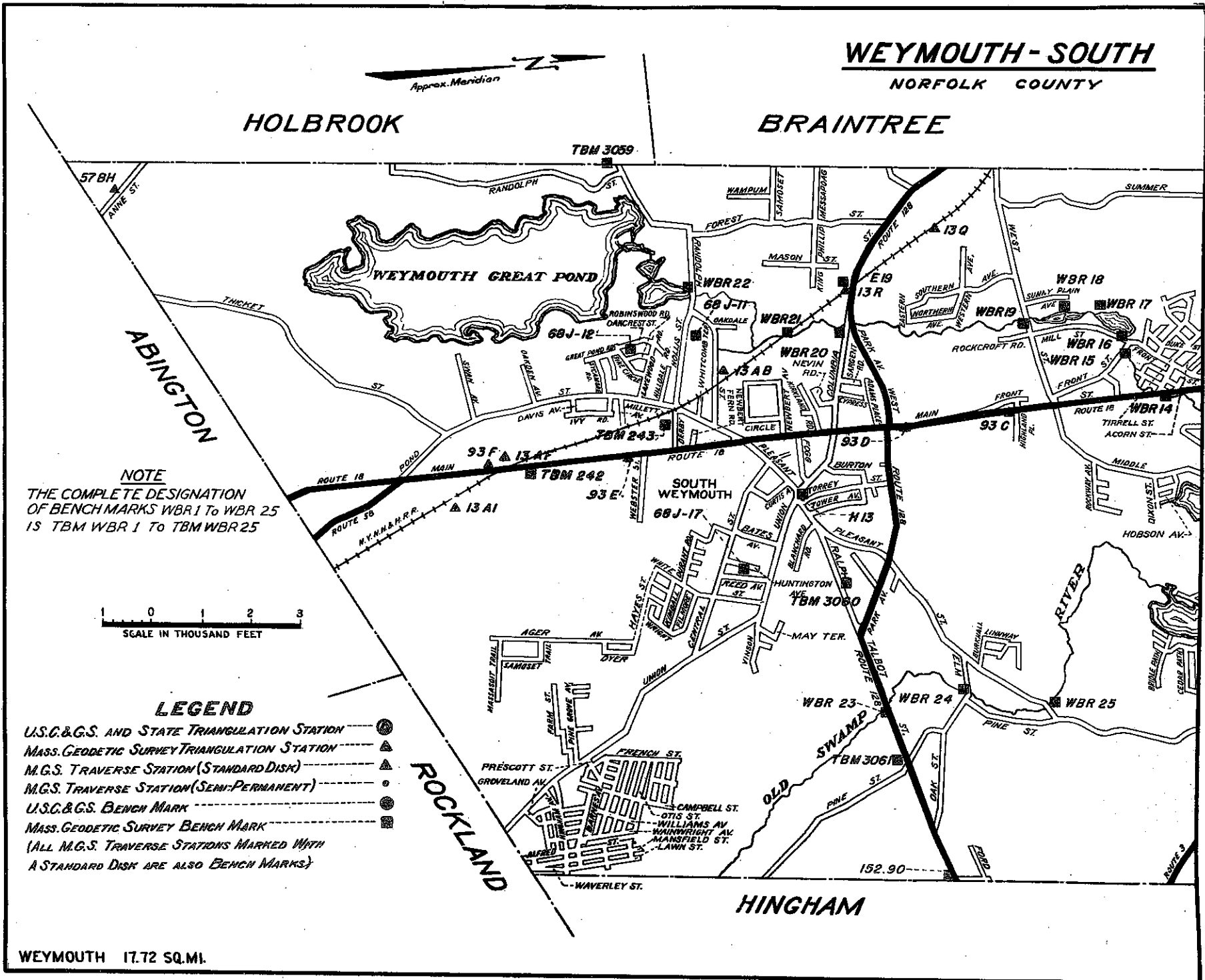
- U.S.C. & G.S. AND STATE TRIANGULATION STATIONS
- MASS. GEODETIC SURVEY TRIANGULATION STATIONS
- M.G.S. TRAVERSE STATIONS (STANDARD DISK)
- M.G.S. TRAVERSE STATIONS (SEMI-PERMANENT)
- U.S.C. & G.S. BENCH MARKS
- MASS. GEODETIC SURVEY BENCH MARKS
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)



SCALE IN THOUSAND FEET

WEYMOUTH-SOUTH

NORFOLK COUNTY



NOTE
 THE COMPLETE DESIGNATION
 OF BENCH MARKS WBR 1 TO WBR 25
 IS TBM WBR 1 TO TBM WBR 25

0 1 2 3
 SCALE IN THOUSAND FEET

LEGEND

- U.S.C.&G.S. AND STATE TRIANGULATION STATION
- MASS. GEODETIC SURVEY TRIANGULATION STATION
- M.G.S. TRAVERSE STATION (STANDARD DISK)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT)
- U.S.C.&G.S. BENCH MARK
- MASS. GEODETIC SURVEY BENCH MARK
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARKS)

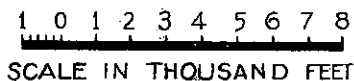
WEYMOUTH 17.72 SQ. MI.

22.68 SQ. MI.

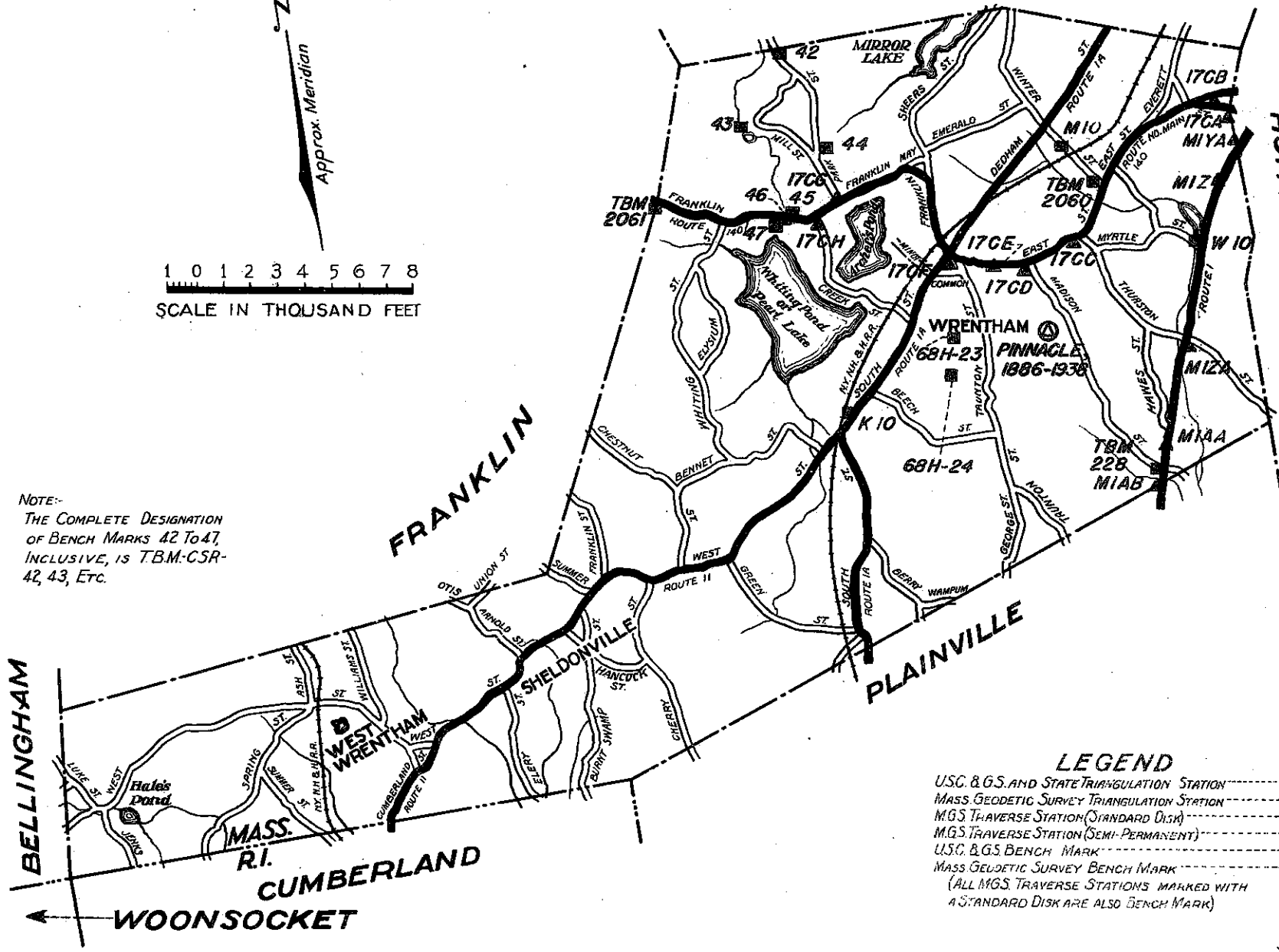
WRENTHAM
 NORFOLK COUNTY

NORFOLK

FOXBOROUGH



NOTE:-
 THE COMPLETE DESIGNATION
 OF BENCH MARKS 42 TO 47,
 INCLUSIVE, IS T.B.M.-CSR-
 42, 43, ETC.



LEGEND

- USC. & G.S. AND STATE TRIANGULATION STATION
- MASS. GEODETIC SURVEY TRIANGULATION STATION
- M.G.S. TRAVERSE STATION (STANDARD DISK)
- M.G.S. TRAVERSE STATION (SEMI-PERMANENT)
- USC. & G.S. BENCH MARK
- MASS. GEODETIC SURVEY BENCH MARK
- (ALL M.G.S. TRAVERSE STATIONS MARKED WITH A STANDARD DISK ARE ALSO BENCH MARK)

295