

REPORTS OF THE
DEPARTMENT OF
CONSERVATION AND DEVELOPMENT
STATE OF NEW JERSEY

HENRY B. KÜMMEL, State Geologist and Director

BULLETIN 44

Geologic Series

**NEW JERSEY
GEODETIC CONTROL SURVEY
BENCH MARKS**

Elevations and descriptions of 521 bench marks established in Mercer and Middlesex Counties including several in Somerset County. The bench marks included form the Mer-Mid Level Net



Published 1936

Division of Geology and Topography

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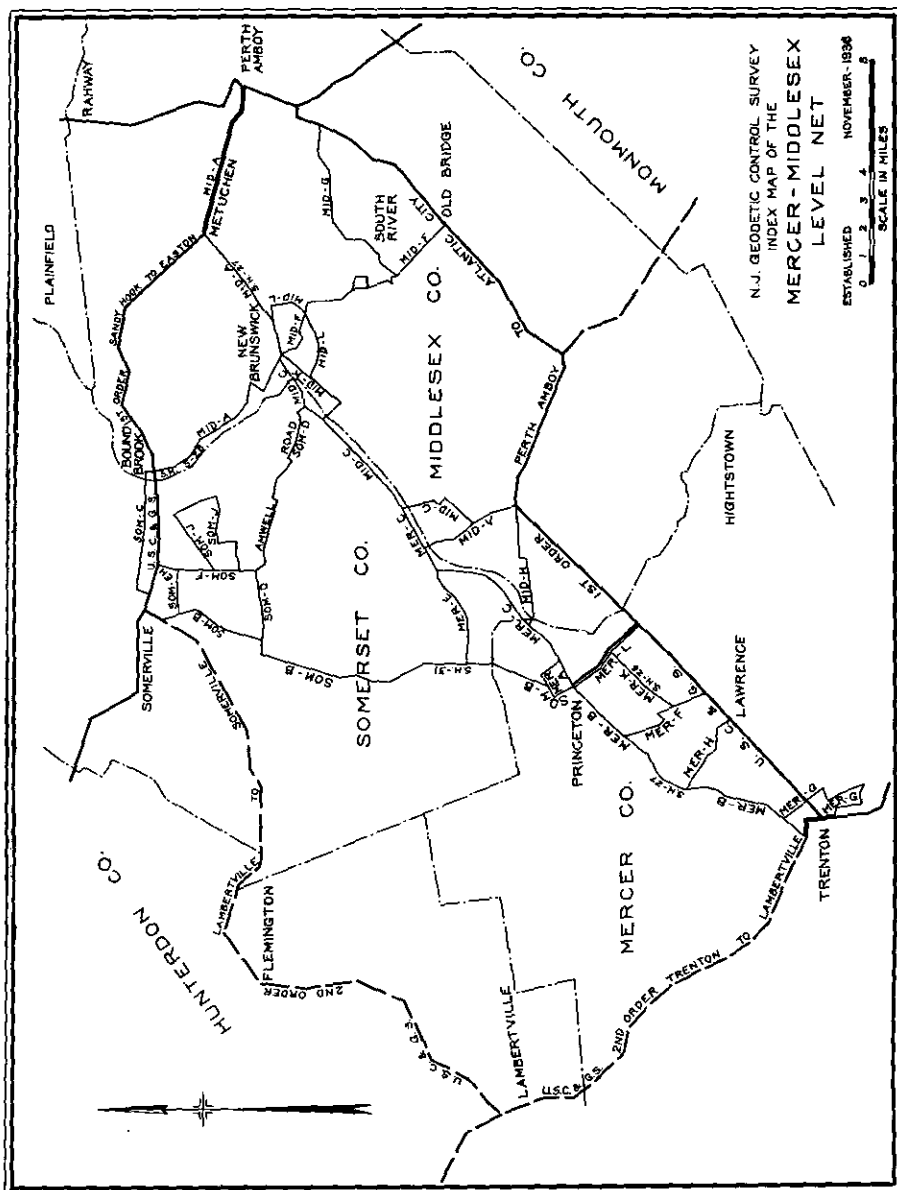
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ERRATA

Mer-F-page 2 - Monument 2120 - 98.468
Mer-G-page 5 - Monument 2101 - 54.234
Mid-C-page 4 - Rivet 210 - 126.139

MAP SHOWING LEVEL LINES



ORGANIZATION OF THE SURVEY

Since its establishment on November 27, 1936, the New Jersey Geodetic Control Survey has been engaged in the establishment of horizontal and vertical control points throughout New Jersey.

This Survey was begun as a Civil Works Administration Project under the direction of the U. S. Coast and Geodetic Survey. On March 15, 1934 the survey was placed under the direction of the Federal Emergency Relief Administration and was sponsored by the Department of Conservation and Development. On November 14, 1935, the Project was placed under the jurisdiction of the Works Progress Administration, remaining under the sponsorship of the New Jersey Department of Conservation and Development.

METHOD OF SURVEYING

The elevations shown in this publication were obtained by leveling with the ordinary type of engineers' levels. Each section of the work was run in both directions. The field closure on each sectional loop was better than .03 foot times the square root of the number of miles in the section. The resulting differences of elevation between the forward and backward runs were averaged. Readings were made to the nearest thousandths of a foot, and the rods used were calibrated at regular intervals. The resulting closures throughout the net were very small. All available connections were made with the first and

second order level lines of the U. S. Coast and Geodetic Survey and the entire net was balanced simultaneously by the least square method, holding fixed the elevations of the U. S. Coast and Geodetic Survey.

A study was made of the existing bench marks established by the New Jersey Geological Survey, and frequent connections were made with these benches. The elevations of these benches are given in this bulletin according to the New Jersey Geodetic Control Survey Net.

As the bench marks of the New Jersey Geological Survey have been used for many years, it is inevitable that many subsidiary bench marks have been established from them by municipalities, counties and others. For this reason these elevations should not be discarded, and an effort has been made to compute a correction which should be applied to such benches in various localities by averaging the corrections necessary for New Jersey Geological Survey bench marks tested.

CORRECTIONS TO BE APPLIED

To Elevations Originating from N. J. Geological Survey Benches in Various Localities

Bound Brook	+0.03 ft.	Old Bridge	+0.03 ft.
East Millstone	-0.14 "	Perth Amboy	+0.10 "
Helmetta	+0.20 "	Princeton	+0.27 "
Kingston	+0.07 "	Rocky Hill	+0.16 "
Metuchen	+1.19 "	Somerville	+0.00 "
Monmouth Jet.	+0.09 "	Spotswood	+0.16 "
New Brunswick	+0.28 "	Trenton	+0.33 "

For example: A bench mark originating from New Jersey Geological benches in Princeton requires a correction of +0.27 foot, that is: old elevation 121.42 foot +0.27 = precise elevation of 121.69 feet.

DATUM USED

There has been some confusion as to the datum known as Mean Sea Level, and the Datum known as Mean Sea Level at Sandy Hook. It will be noted that the two are practically identical. Mean Sea Level was obtained by a general adjustment of the entire level net of the United States established by the U. S. Coast and Geodetic Survey. All tide stations established by this organization on the Atlantic and Pacific Coasts including that at Sandy Hook were held fixed, and the net adjusted accordingly. The Tidal Bench at Sandy Hook, and the Tidal Bench at Atlantic City chiefly affect elevations in New Jersey. All elevations given in this Bulletin are based on Mean Sea Level as defined above.

Mean Sea Level at Sandy Hook is based only on the Tidal Bench at Sandy Hook.

USE OF THIS BULLETIN

In this bulletin the Bench Marks have been grouped in "Runs". Each run has a distinguishing name, composed of the first three letters of the name of the county in which the major

portion of the run lies, and also a further distinguishing letter. Within the runs the benches are arranged in geographical sequence in the order in which they would be found progressing continuously along the run from start to finish.

In order to find the bench marks existing in a certain locality, it is necessary to refer to the map in the frontispiece. On this map are shown the locality and names of the various runs. It will be noted that included in this bulletin are also elevations of first and second order bench marks established by the U. S. Coast and Geodetic Survey within the area of the net.

Respectfully submitted,

Arthur Noack, State Supervisor

Philip Kissem, Technical Advisor

NEW JERSEY GEODETIC CONTROL SURVEY

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Mercer Co.
1936

DESCRIPTION OF BENCH MARKS

MEB-A Page 1

STARTING AT NASSAU HALL, PRINCETON, MERCER CO. AND MAKING A LOOP AROUND THE TOWN AND RETURNING TO THE PLACE OF BEGINNING.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- W 2 - PRINCETON, MERCER CO. On the campus of Princeton University, at the main entrance on the north side of Nassau Hall, in the capstone of the landing, 7 ft. east of the center of the landing, 8 inches out from the wall, and 2.33 ft. from the base of the bronze tiger on the east side of the entrance. A standard U.S.C.&G.S. B.M. disk, stamped "W 2 1924".
Elevation: 218.622 ft.
- MON 176 - PRINCETON, MERCER CO. On the southeast side of Nassau St. in front of the First Presbyterian Church between the sidewalk and a fence; 13.4 ft. southeast of the curb line of Nassau St.; 50.0 ft. northwest of the west corner of the Church; and 66.0 ft. northeast of the projected center line of Eldridge Street. A standard U.S.C.&G.S.&B.S. disk, stamped "176", set in concrete flush with the ground.
Elevation: 214.752 ft.
- MON 177 - PRINCETON, MERCER CO. At the south corner of the intersection of Nassau St. and Washington Road, between the sidewalk and the Princeton University Campus fence; 24.2 ft. southwest of the centerline of Washington Road; and 47.2 ft. southeast of the centerline of Nassau St. A standard U.S.C.&G.S.&B.S. disk, stamped "177", set in concrete flush with the ground.
Elevation: 193.953 ft.
- MK 101 - PRINCETON, MERCER CO. At the north corner of the intersection of Nassau St. and Washington Road, on the east end of the granite door sill at the tower entrance to the Methodist Episcopal Church; 5.5 inches out from the door jamb and 2.0 inches east. A chiseled cross, N.J.G.S.-B.M.
Elevation: 194.557 ft.
- PRINCETON - PRINCETON, MERCER CO. On the Princeton University Campus, in front of the old Astronomic Building; 47.0 ft. north of the north curb of Prospect Ave., 45.0 ft. east of the driveway leading in on the west side of building, 29.0 ft. southeast of the southeast face of the observatory, and 10.0 ft. west of the sidewalk leading to the building. A standard U.S.C.&G.S. triangulation disk, stamped "Princeton, 1933", set in concrete flush with the ground.
Elevation: 204.428 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

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MON 100 - PRINCETON, MERCER CO. On the southeast side of Prospect Ave., at a point directly opposite the Princeton Triangulation Station, between the sidewalk and the curb; 19.1 ft. southeast of the centerline of Prospect Ave. and 224.3 ft. northeast of the centerline of Washington Road. A standard U.S.C.&G.S.&S.S. disk, stamped "100", set in concrete, flush with the ground.

Elevation: 200.753 ft.

MON 3100 - PRINCETON, MERCER CO. On the northwest side of Prospect Ave., between the curb and the sidewalk; 13.2 ft. southeast of the outside face of the brick wall of "University Field", 74.5 ft. southwest of the east corner of the southwest brick and limestone gate post of the main entrance, 27.4 ft. northwest of the centerline of Prospect Ave. and 181.8 ft. northeast of the centerline of Olden Ave. A standard U.S.C.&G.S.&S.S. disk, stamped "Princeton 1934, 3100", set in concrete flush with the ground.

Elevation: 179.473 ft.

MON 101 - PRINCETON, MERCER CO. On the southeast side of Prospect Ave. between the sidewalk and the curb, about midway between Broadmead and Harrison St.; 19.3 ft. southeast of the centerline of Prospect Ave and 398.3 ft. southwest of the centerline of Harrison St. A standard U.S.C.&G.S.&S.S. disk, stamped "101", set in concrete flush with the ground.

Elevation: 144.888

MK 110 - PRINCETON, MERCER CO. At Palmer Physical Laboratory building, on the highest stone step at the main northerly entrance, 1.6 ft. from the hinge of the east iron door. A chiseled cross, N.J.G.S.-B.M.

Elevation: 203.970 ft.

MK 107 - PRINCETON, MERCER CO. At Guyot Hall (Geology Laboratory Princeton University, on the east end of the stone doorsill of the west entrance to the northerly side, and at the beveled portion of the base stone of the archway. A chiseled cross, N.J.G.S.-B.M.

168.027 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Mercer Co.
1934

DESCRIPTION OF BENCH MARKS

MER-B Page 1

BEGINNING IN PRINCETON, MERCER CO., AT NASSAU HALL, THENCE SOUTH-
WEST ON STATE HIGHWAY ROUTE #27 TO TRENTON, MERCER CO., N.J.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929
GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST &
GEODETIC SURVEY.

- W-2 - PRINCETON, MERCER CO. On the campus of Princeton University,
at the entrance on the north side of Nassau Hall, in the
capstone of the landing, 7 ft. east of the center of the
landing, 8 inches out from the wall, and 2.33 ft. from the
base of the tiger on the east side of entrance. A standard
U.S.C.&G.S. B.M. disk, stamped "W-2 1924".
Elevation: 66.636 meters or 218.622 ft.
- RV 137 - PRINCETON, MERCER CO. At the Washington Memorial Monument
on the north side of St. Highway Rte. #27, just west of
its junction with State Highway Route #31, and set in the
east end of the south steps of the Monument. A monel metal
rivet.
Elevation: 216.606 ft.
- MON 116 - PRINCETON, MERCER CO. On the east side of St. Hwy. Rte.
#27, 0.5 miles southwest of Witherspoon St, in front of the
Hun School Gym., 23.3 ft. east of the centerline of the
Highway and 52.7 ft. northwest of lamp post #G-PB-1029-PB.
A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped
"116". Elevation: 207.311 ft.
- MON 117 - PRINCETON, MERCER CO. On the northwest side of St. Hwy.
Route #27, 1.0 mile southwest of its intersection with
Witherspoon St. in Princeton; 19.1 ft. northwest of the
centerline of the Highway, 5.0 ft. northwest of the curb,
and 36.0 ft. northeast of pole #15002-PT. A standard
U.S.C.&G.S.&S.S. disk, stamped "117", set in concrete,
flush with the ground.
Elevation: 183.149 ft.
- RV 138 - PRINCETON TWP. MERCER CO. On the northwest side of St.
Highway Route #27, about 1.7 miles southwest of its inter-
section with Witherspoon St. in Princeton, in the north-
west curb of a concrete bridge over Stony Brook, midway
between the end posts, and between the C.I. curb angle and
the concrete balustrade. A monel metal rivet.
Elevation: 80.239
- RV 139 - PRINCETON TWP., Mercer Co. On the NW side of S.H. Rte. #27,
2.15 miles southwest of its intersection with Witherspoon
St. in Princeton, in curb of catch basin in front of W.T.
White property; 3.0 ft. NW of the curb of Highway and
25.0 ft. southwest of the centerline of the driveway to
the White property. A monel metal rivet.
Elevation: 163.463 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

Mercer County
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- MON 118 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the northwest side of State Highway Route #27, about 2.95 miles southwest of its intersection with Witherspoon Street in Princeton at Cox's Corner (intersection of Province Line Road and the Highway); 30.4 feet southwest of the center line of Province Line Road, 20.0 feet northwest of the center line of the Highway, 31.1 feet west of the intersection of the center lines, and 21.2 feet south of the fence post on the east corner of the Andersen property. A standard U.S.C. & G.S. & S.S. disk, stamped "118", set in concrete flush with the ground.
Elevation: 177.920 ft.
- MON 119 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the northwest side of State Highway Route #27, about 3.3 miles southwest of its intersection with Witherspoon Street in Princeton; 22.8 feet northwest of the center line of the Highway, and 25.0 feet west of pole #30014-LA on the opposite side of the road. A standard U.S.C. & G.S. & S.S. disk, stamped "119", set in concrete flush with the ground.
Elevation: 159.790 ft.
- RV 140 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the southeast side of State Highway Route #27, about 3.9 miles southwest of its intersection with Witherspoon Street in Princeton, in the southeast stone coping of a masonry bridge over Shipetaukin Creek; 26.0 feet southwest of the northeast end of the balustrade. A monel metal rivet.
Elevation: 98.371 ft.
- RV 141 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the southeast side of State Highway Route #27, about 4.4 miles southwest of its intersection with Witherspoon Street in Princeton, in the northeast corner of the top step of the rear entrance of the R. E. Cranston house on the property of John O. Cranston. A monel metal rivet.
Elevation: 118.938 ft.
- MON 120 - LAWRENCEVILLE, MERCER COUNTY. On the southeast side of State Highway Route #27, opposite the road leading to the Lawrenceville Radio Station; 21.8 feet southeast of the center line of the Highway. A standard U.S.C. & G.S. & S.S. disk, stamped "120", set in concrete flush with the ground.
Elevation: 122.549 ft.
- MON 121 - LAWRENCEVILLE, MERCER COUNTY. On the northwest side of State Highway Route #27, just north of its junction with Gordon Avenue, and in front of Dr. Wm. V. Carroll's house; 21.6 feet northwest of the center line of the Highway, and 77.8 feet northeast of the center line of Gordon Avenue. A standard U.S.C. & G.S. & S.S. disk, stamped "121", set in concrete flush with the ground.
Elevation: 126.515 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKSMercer County
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- RV 142 - LAWRENCEVILLE, MERCER COUNTY. On the southeast side of State Highway Route #27, at the main entrance of the Foundation House (Headmaster's Residence) on the campus of Lawrenceville Preparatory School, in the second tread of the steps. A monel metal rivet.
Elevation: 119.078 ft.
- RV 143 - LAWRENCEVILLE, MERCER COUNTY. On the southwest corner of the intersection of State Highway Route #27 and the Bakers Basin Road, set in a 4-inch headwall of a culvert opposite the west gate to the Lawrenceville Preparatory School campus. A monel metal rivet.
Elevation: 120.689 ft.
- RV 144 - LAWRENCEVILLE, MERCER COUNTY. On the west side of State Highway Route #27, in the northeast corner of the curb of the north well near the north driveway entrance to the former Cook Estate; 10.0 feet south of the north entrance to the former Cook Estate, and 37.0 feet west of the center line of the Highway. A monel metal rivet.
Elevation: 115.988 ft.
- MON 122 - LAWRENCEVILLE, MERCER COUNTY. On the east side of State Highway Route #27, about 1.5 miles south of Township Hall in Lawrenceville, and just north of Dr. W. E. Russell's house; 23.7 feet east of the center line of the Highway, and 11.2 feet north of pole #BT-61-WUTT. A standard U.S.C. & G.S. & S.S. disk, stamped "122", set in concrete flush with the ground.
Elevation: 106.732
- MON 123 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the southeast side of State Highway Route #27, about 1.8 miles south of Township Hall in Lawrenceville; 28.4 feet southeast of the center line of the Highway, 2.0 feet southwest of the edge of the sidewalk, and 18.8 feet northeast of pole #BT-73-WUTT. A standard U.S.C. & G.S. & S.S. disk, stamped "123", set in concrete flush with the ground.
Elevation: 81.146 ft.
- RV 145 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the northwest side of State Highway Route #27, in the northwest wingwall of concrete bridge #P6-29 over Little Shabakunk Creek, and about 1.9 miles south of Township Hall in Lawrenceville. A monel metal rivet.
Elevation: 81.589 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

Mercer County
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- RV 146 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the east side of State Highway Route #27, about 2.55 miles south of Township Hall in Lawrenceville, in the concrete base of the flag pole in front of Fire House of Lawrence Volunteer Fire Association, Company No.2; 51.0 feet east of the center line of the Highway, and 140.0 feet north of the center line of Eldridge Avenue. A monel metal rivet.
Elevation: 105.653 ft.
- RV 147 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the east side of State Highway Route #27, about 3.05 miles south of Township Hall in Lawrenceville, in the curb of a concrete catch basin in front of house #870 Lawrence Road; 22.0 feet east of the center line of the Highway and 75.0 feet south of the center line of Smithfield Avenue. A monel metal rivet.
Elevation: 100.932 ft.
- RV 148 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the west side of State Highway Route #27, about 3.4 miles south of Township Hall in Lawrenceville, in the south end of the west curb of a concrete bridge over Shabakunk Creek. A monel metal rivet.
Elevation: 61.474 ft.
- RV 149 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the southeast side of the old Princeton-Trenton Road, about 1.75 miles east of Trenton, on the front of the Slackwood School House. A monel metal rivet.
Elevation: 77.537 ft.
- MON 124 - LAWRENCE TOWNSHIP, MERCER COUNTY. On the north side of Princeton Avenue, about 1.5 miles east of Trenton; 22.0 feet north of the center line of Princeton Avenue, 140.0 feet east of the center line of Betts Avenue, and 300.0 feet west of the intersection of Princeton Avenue with State Highway Route #27. A standard U.S.C. & G.S. & S.S. disk, stamped "124", set in concrete 0.67 feet below ground level.
Elevation: 94.711 ft.
- MON 125 - LAWRENCE TOWNSHIP, MERCER COUNTY. In the "V" formed by the intersection of Princeton Avenue and State Highway Route #26, about 1.5 miles east of Trenton; 30.7 feet southeast of the center line of Princeton Avenue, 75.9 feet north of the center line of State Highway Route #26, and 19.0 feet west of pole #BY-WU-20-286-20. A standard U.S.C. & G.S. & S.S. disk, stamped "125", set in concrete 0.67 feet below ground level.
Elevation: 92.585 ft.

LOCAL CONTROL SURVEY

Mercer County
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DESCRIPTION OF BENCH MARKS

- MON 180 - TRENTON, MERCER COUNTY. On the northwest side of Princeton Avenue at its junction with Mulberry Street; 22.7 feet northwest of the center line of Princeton Avenue, 7.2 feet southwest of the prolonged center line of Mulberry Street, and 295.0 feet southwest of pole #PB-9-LA. A standard U.S.C. & G.S. & S.S. disk, stamped "180", set in concrete.
Elevation: 97.948 ft.
- MON 181 - TRENTON, MERCER COUNTY. On the west corner of the intersection of Princeton Avenue and Spruce Street, between the curb and the sidewalk, in a meter box; 4.5 feet southwest of the curb of Spruce Street, 20.1 feet southwest of the center line of Spruce Street, and 25.25 feet northwest of the center line of Princeton Avenue. A standard U.S.C. & G.S. & S.S. disk, stamped "181", set in concrete.
Elevation: 106.292 ft.
- RV 182 - TRENTON, MERCER COUNTY. At the southeast corner of Princeton and Olden Avenues, in the southwest corner of the foundation of the Standard Oil Company of New Jersey's Gasoline Station. A monel metal rivet.
Elevation: 105.191 ft.
- RV 183 - TRENTON, MERCER COUNTY. On the south side of East Paul Avenue, at the east end of the stone door sill of the main entrance of St. James Parochial School; 193.0 feet east of the center line of Princeton Avenue. A monel metal rivet.
Elevation: 93.978 ft.
- MON 182 - TRENTON, MERCER COUNTY. On the north corner of the intersection of Princeton Avenue and Southard Street, in a meter box; 24.75 feet northwest of the center line of Princeton Avenue, 24.50 feet northeast of the center line of Southard Street, 7.80 feet southeast of the southwest corner of #719 Princeton Avenue, and 17.80 feet southwest of the southeast corner of the same building. A standard U.S.C. & G.S. & S.S. disk, stamped "182", set in concrete.
Elevation: 100.042 ft.
- MON 183 - TRENTON, MERCER COUNTY. On the northwest side of Princeton Avenue, in front of #609 Princeton Avenue, about midway between Wayne Avenue and Rose Street; 27.35 feet northwest of the center line of Princeton Avenue, 7.6 feet south of the east corner of house #609, and 17.9 feet northeast of the south corner of the same house. A standard U.S.C. & G.S. & S.S. disk, stamped "183", set in concrete.
Elevation: 100.840 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

Mercer County
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- RV 164 - TRENTON, MERCER COUNTY. At the intersection of Princeton, Brunswick, and Pennington Avenues and North Broad and North Warren Streets, in the granite door sill of the entrance to Trenton Battle Monument. A monel metal rivet.
Elevation: 77.176 ft.
- RV 165 - TRENTON, MERCER COUNTY. At the northwest corner of the intersection of State and Warren Streets, in the granite water table of the Trenton Banking Company. A monel metal rivet.
Elevation: 51.570 ft.
- RV 166 - TRENTON, MERCER COUNTY. On the south side of East State Street, at the Municipal Building, in the granite coping around an area; 1.0 feet south of the northeast corner of the area and 0.8 feet west of the west end of the main entrance steps. A monel metal rivet.
Elevation: 60.391 ft.
- 56 (P.R.R.)-TRENTON, MERCER COUNTY. On the Pennsylvania Railroad, at the Clinton Street bridge, in the foundation at the east end of the pier. A copper bolt, U.S.C. & G.S.-B.M.
Elevation: 9.617 meters or 31.552'
- 55 (P.R.R.)-TRENTON, MERCER COUNTY. On the Pennsylvania Railroad, at the Chestnut Avenue bridge, on the end step of the northeast wingwall. A copper bolt, U.S.C. & G.S.-B.M.
Elevation: 10.872 meters or 35.669'

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Mercer County
1936

DESCRIPTION OF BENCH MARKS

MER-C Page 1

STARTING IN PRINCETON, MERCER CO, AT NASSAU HALL, RUNNING NORTH EASTERLY ALONG STATE HIGHWAY ROUTE #27 TO THE FIRST SAND HILLS ROAD ABOUT 0.6 MILES SOUTHWEST OF FRANKLIN PARK, MIDDLESEX CO.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- W 2 - PRINCETON, MERCER CO. On the campus of PRINCETON University, at the main entrance on the north side of Nassau Hall, in the capstone of the landing, 7 ft. east of the center of the landing, 8 inches out from the wall, and 2.33 ft. from the base of the bronze tiger on the east side of the entrance. A standard U.S.C.&G.S.-B.M. disk, stamped "W 2 1924".
Elevation: 218.622 ft.
- MON 100 - PRINCETON, MERCER CO. On the southeast side of Prospect Ave. at a point directly opposite the Princeton Triangulation Station, between the sidewalk and the curb, 19.1 ft. southeast of the centerline of Prospect Ave., and 224.3 ft. northeast of the centerline of Washington Road. A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped "100", flush with the ground.
Elevation: 200.753 ft.
- MON 101 - PRINCETON, MERCER CO. On the southeast side of Prospect Ave. between the sidewalk and the curb, about midway between Broadmead and Harrison Street; 19.3 ft. southeast of the center line of Prospect Ave. and 398.3 ft. southwest of the centerline of Harrison St. A standard U.S.C.&G.S.&S.S. disk, stamped "101", set in concrete flush with the ground.
Elevation: 144.888 ft.
- RV 100 - PRINCETON, MERCER COUNTY. On the west side of Ewing Street, on the west side of a bridge over Harry's Brook; 20.5 ft. west of the centerline of Ewing Street and 4.2 ft. south of the north end of the bridge. A monel metal rivet.
Elevation: 134.774 ft.
- DK 6114 - PRINCETON TOWNSHIP, MERCER COUNTY. On the northwest side of State Highway Route #27, about 1.2 miles northeast of its junction with Witherspoon St. in Princeton, in the water table on the west side of the Gymnasium of Princeton Preparatory School; 34.7 ft. south of the northwest corner of the building. A standard U.S.C.&G.S.&S.S. disk, stamped "6114 D" set vertically 3.3 ft. above ground level.
Elevation: 120.547 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Mercer County
1936

DESCRIPTION OF BENCH MARKS

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- RV 102 - PRINCETON TOWNSHIP, MERCER CO. On the southeast side of State Highway Route #27, about 1.4 miles northeast of its junction with Witherapoon Street in Princeton, in the center of a concrete culvert headwall; 18.0 ft. southeast of the centerline of the Highway; 125.0 ft. southwest of the northeast corner of the Baker Estate, and 20.0 ft. northwest of the hedge. A monel metal rivet.
Elevation: 111.959 ft.
- MON 102 - PRINCETON TOWNSHIP, MERCER CO. On the southeast side of State Highway Route #27, about 1.9 miles northeast of its junction with Witherapoon Street in Princeton; 24.0 ft. southeast of the centerline of the Highway; 10.3 ft. northeast of pole #BT-60824-PT, and 850.0 ft. southwest of Harry's Brook. A standard U.S.C.&G.S.&S.S. disk, stamped "102", set in concrete.
Elevation: 79.682 ft.
- RV 103 - PRINCETON TOWNSHIP, MERCER CO. On the southeast side of State Highway Route #27, about 2.05 miles northeast of its junction with Witherapoon Street in Princeton, in the center of the coping of the southeast parapet of the masonry bridge over Harry's Brook. A monel metal rivet.
Elevation: 59.541 ft.
- MON 103 - PRINCETON TOWNSHIP, MERCER CO. On the southeast side of State Highway Route #27, about 2.4 miles northeast of its junction with Witherapoon Street in Princeton, opposite the house of Wm. Fishburn; 19.8 ft. southeast of the centerline of the Highway; and 137.2 ft. southeast of the south corner of the front porch of the Fishburn house. A standard U.S.C.&G.S.&S.S. disk, stamped "103" set in concrete flush with the ground.
Elevation: 69.383 ft.
- RV 104 - KINGSTON, MIDDLESEX COUNTY. On the south side of State Highway Route #27, in the concrete coping on the south side of a masonry bridge over the Millstone River; 71.0 ft. northwest of the southeast edge of the coping, 48.0 ft. south of pole #60088-FL; and 108.0 ft. west of the center line of a wooden bridge over Heathcote Brook. A monel metal rivet.
Elevation: 52.507 ft.
- RV 105 - KINGSTON, MIDDLESEX CO. On the north corner of intersection of S.H. Rte. #27 and Monmouth St. Rd, in the south corner of the first tread of the concrete steps of the entrance to the Kingston Post Office. A monel metal rivet.
Elevation: 108.901 ft.

LOCAL CONTROL SURVEY

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- RV 106 - KINGSTON, MIDDLESEX COUNTY. On the southeast side of the State Highway Route #27 behind the southeast headwall on the southeast wingwall of a concrete box culvert. 0.25 miles northeast of the intersection of the Highway and the Monmouth Junction Road. A monel metal rivet.
Elevation: 98.900 ft.
- DK 6115 - KINGSTON, MIDDLESEX CO. On the southeast side of State Highway Route #27, at its intersection with the Kingston-Sand Hills Road; 54.0 ft. southeast of the center line of the Highway; 12.5 ft. southwest of the centerline of the Kingston-Sand Hills Road, 69.0 ft. north of pole #PB-756-BB; 40.0 ft. south of pole #PB-1456-BB; and 39.5 ft. south of pole #PB-757-BB. A standard U.S.C. & G.S. & S.S. disk, stamped "6115-D" set in concrete, flush with the ground.
Elevation: 116.077 ft.
- RV 108 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, in the south corner of the southeast headwall of a pipe culvert, about 0.8 miles northeast of Kingston. A monel metal rivet.
Elevation: 101.641 ft.
- MON 104 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #27 about 1.0 mile northeast of Kingston; 30.3 ft. northwest of the center line of the Highway; 118.3 ft. southwest of the south corner of the Neven Bus Lines Station; and 113.6 ft. northwest of the west corner of a bus storage garage on the opposite side of the Highway. A standard U.S.C. & G.S. & S.S. disk, set in concrete, stamped "104", set flush with ground.
Elevation: 107.296 ft.
- RV 109 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, about 1.2 miles northeast of Kingston, on the northeast end of the southeast headwall of a concrete bridge over a branch of Carter's Brook. A monel metal rivet.
Elevation: 117.389 ft.
- MON 105 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, about 1.4 miles northeast of Kingston; 30.4 ft. southeast of the centerline of the Highway; 9.97 ft. northeast of pole #PB-1200-BB; and 498.0 ft. north of a branch of Carter's Brook. A standard U.S.C. & G.S. & S.S. disk, set in concrete, stamped "105", set flush with the ground.
Elevation: 123.620 ft.

LOCAL CONTROL SURVEY

Somerset County
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- DK 6116 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. At the east corner of the intersection of State Highway Route #27 and the Oak Grove Road, about 1.75 miles northeast of Kingston; 30.1 ft. southeast of the center line of the Highway; 48.0 ft. east of the intersection of the center lines, and 28.0 ft. northeast of pole #PS-1220-SB. A standard U.S.C. & G.S. & S.S. disk, stamped "6116-D", set in concrete flush with the ground.
Elevation: 226.572 ft.
- RV 111 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, about 1.95 miles northeast of Kingston, on top of the southeast end post of the concrete balustrade of a bridge over Carter's Brook. A monel metal rivet.
Elevation: 228.088 ft.
- RV 112 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, about 2.4 miles northeast of Kingston, on top and in the center of the southeast headwall of a concrete culvert; 19.0 ft. southeast of the center line of the Highway. A monel metal rivet.
Elevation: 254.223 ft.
- MON 106 - FRANKLIN TOWNSHIP, SOMERSET CO. On the northwest side of State Highway Route #27 just northeast of its junction with a gravel road, about 3.0 miles northeast of Kingston, 22.0 ft. northwest of the centerline of the Highway; 70.5 ft. southwest of pole #PS-247-FR; and 50.0 ft. southwest of an abandoned road stand with a brick chimney. A standard U.S.C. & G.S. & S.S. disk, stamped "106", set in concrete, flush with the ground.
Elevation: 264.314 ft.
- MON 107 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, about 3.3 miles northeast of Kingston, and opposite the "Three Sons" gas station; 19.4 ft. southeast of the centerline of the Highway and 35.8 ft. southwest of pole #PS-1229-SB. A standard U.S.C. & G.S. & S.S. disk, set in concrete, stamped "107", and flush with the ground.
Elevation: 263.816 ft.
- RV113 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of State Highway Route #27, about 3.5 miles northeast of Kingston, in the southeast wingwall behind the southeast headwall of a concrete bridge over Ten Mile Run. A monel metal rivet.
Elevation: 216.716 ft.

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MIDDLESEX CO.
SOMERSET CO.
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- MON 200 - FRANKLIN TOWNSHIP, SOMERSET CO. On the northwest side of State Highway Route #27, in front of a two-story frame house owned by Wm. S. Mabus, about 4.3 miles northeast of Kingston, 19.90 ft. northwest of the center line of the Highway; 5.14 ft. southwest of the centerline of the concrete walk leading to the Mabus house; 64.77 ft. south of the east corner of the house; 54.83 ft. northeast of a nail in pole #PS-344-FR; A standard U.S.C. & G.S. & S.B. disk, set in concrete, stamped "200", flush with the grass terrace.
Elevation: 198.587 ft.
- RV 201 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southeast side of S.H. Rte. #27, about 4.4 miles northeast of Kingston, 19.5 ft. southeast of the centerline of the Highway; 20.6 ft. southwest of pole #1755; 1.8 ft. northeast of the southwest edge of the southeast headwall of a culvert, and 0.48 ft. southeast of the northwest edge of the headwall. A monel metal rivet.
Elevation: 179.946 ft.
- MON 201 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of S.H. Rte. #27, about 2.0 miles west of Franklin Park, in the northwest corner of the intersection of the Highway and the Bunker Hill Rd. to Griggstown; 49.0 ft. west of the centerline of the Bunker Hill Road; and 25.2 ft. north of the centerline of the Highway. A standard U.S.C. & G.S. & S.B. disk, stamped "201", set in concrete, 0.3 ft. above the crown of the road.
Elevation: 169.803 ft.
- RV 202 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of S.H. Rte. #27, in the southeast corner of the retaining wall of a culvert over Ten Mile Run, about 1.9 miles west of Franklin Park; 0.30 ft. north of the south edge of the retaining wall, 0.35 ft. west of the east edge of the retaining wall, and 18.00 ft. north of the centerline of the Highway. A monel metal rivet.
Elevation: 143.152 ft.
- RV 203 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of S. H. Rte. #27, about 1.15 miles west of Franklin Park, and in the west headwall of a culvert; 0.47 ft. north of the south edge of the headwall; 0.37 ft. east of the west edge of the headwall, and 45.90 ft. west of a railroad spike in pole #1693. A monel metal rivet.
Elevation: 149.274 ft.

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Middlesex County
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RV 204 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of State Highway Route #27, about 0.6 miles west of Franklin Park, and in the northeast corner of a concrete step of the Imperial Tea Room; 0.25 ft. south of the north edge of the step, 0.25 ft. west of the east edge of the step, and 41.10 ft. southwest of pole #P8-21-BBW. A monel metal rivet.

Elevation: 146.966 ft.

RV 205 - FRANKLIN PARK, SOMERSET CO. On the north side of State Highway Route #27, 162 ft. west of its intersection with Franklin Park Road, on the lowest step of front entrance to the Delicatessen Store; 38.5 ft. north of the center line of the Highway, 30.50 ft. east of pole #1637; 0.43 ft. east of the west edge of the step, and 2.70 ft. south of the north edge of the step. A monel metal rivet.

Elevation: 134.023 ft.

TIE RUN IN KINGSTON, MIDDLESEX COUNTY TO N.J. GEOLOGICAL SURVEY B.M.

Mk. 426 - KINGSTON, MIDDLESEX CO. A triangle cut on the east edge of the west wall of the Delaware and Raritan Canal lock about 120 feet from the south end of the lock.

Elevation: 57.795 ft.

Mk. 427 - KINGSTON, MIDDLESEX CO. A cross on the east end of the concrete dam of Carnegie Lake. The cross is near the junction of the horizontal portion of the wall with the sloping east wing wall. It is about 8 inches from the edge of the horizontal wall.

Elevation: 57.588 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Middlesex County
Somerset County
1936DESCRIPTION OF BENCH MARKS

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BEGINNING IN SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY, ABOUT 3.5 MILES NORTHEAST OF KINGSTON, THENCE SOUTHWEST ON ROCKY HILL ROAD TO STATE HIGHWAY ROUTE #31, MONTGOMERY TOWNSHIP, SOMERSET COUNTY.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

- RV 113 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, about 3.5 miles northeast of Kingston, in the southeast wing-wall behind the southeast headwall of a concrete bridge over Ten Mile Run. A monel metal rivet.
Elevation: 218.716 ft.
- RV 114 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast side of the Rocky Hill Road, about 0.45 miles southwest of its junction with State Highway Route #27 which is about 3.8 miles northeast of Kingston, and on the concrete headwall of the bridge over Ten Mile Run. A monel metal rivet.
Elevation: 266.169 ft.
- TEN MILE - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the west side of the Ten Mile Run-Griggstown Road, about 0.75 mile northwest of its junction with the Rocky Hill Road which is about 2.35 miles northeast of the Delaware and Raritan Canal in Rocky Hill; 50.0 meters south of a woods, and 16.2 meters west of the Griggstown Road. A standard U.S.C. & G.S. Triangulation Station disk, stamped "Ten Mile", set in concrete 0.5 ft. above ground level.
Elevation: 320.998 ft.
- RV 256 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast side of the Rocky Hill Road, about 2.0 miles northeast of the Delaware and Raritan Canal in Rocky Hill, and on top of the center of a concrete culvert headwall; 19.0 ft. southeast of the centerline of the Highway; 10.3 ft. southeast of cross cut in concrete slab #162; 10.2 ft. southwest of another cross on same slab, and 40.0 ft. southwest of pole #1833. A monel metal rivet.
Elevation: 293.815 ft.

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STATE OF NEW JERSEY

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- RV 257 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast side of the Rocky Hill Road, about 1.5 miles northeast of the Delaware and Raritan Canal in Rocky Hill, on top of a concrete culvert headwall; 16.3 feet southeast of the center line of the Road, 7.9 feet southeast of a cross out in concrete slab #84, 7.6 feet south of another cross out in the same slab, and 1.8 feet northeast of the southwest end of the headwall. A monel metal rivet.
Elevation: 286.116 ft.
- RV 258 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast side of the Rocky Hill Road, about 0.8 miles northeast of the Delaware and Raritan Canal in Rocky Hill, and in the center of the top of a concrete culvert headwall; 20.6 feet southeast of the center line of the Road, 13.0 feet southeast of a cross out in concrete slab #374, and 11.5 feet south of another cross out in the same slab. A monel metal rivet.
Elevation: 239.789 ft.
- RV 259 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southwest side of the Rocky Hill Road, about 0.5 miles northeast of the Delaware and Raritan Canal in Rocky Hill, on top of a concrete culvert headwall; 21.2 feet southwest of the center line of the Road, 12.9 feet south of a cross out in concrete slab #353, 13.1 feet southwest of another cross out in the same slab, and 46.8 feet southwest of pole #PS-476-FL. A monel metal rivet.
Elevation: 118.868 ft.
- RV 260 - ROCKY HILL, SOMERSET COUNTY. On the northeast side of Washington Street, and in the concrete abutment at the northwest corner of the bridge over Millstone Branch and the Delaware and Raritan Canal; 13.0 feet northeast of the center line of the Street, and 14.5 feet southeast of pole #PS-107-RH. A monel metal rivet.
Elevation: 46.533 ft.
- RV 261 - ROCKY HILL, SOMERSET COUNTY. On the south side of Washington Street, and on top of the first concrete step of the Rocky Hill Post Office; 33.5 feet south of the center line of the Street, 7.0 feet northeast of the northwest corner of the Post Office building, 37.8 feet west of the northeast corner of the United Service Grocers building, and 60.3 feet southwest of pole #C-PS-22-RH. A monel metal rivet.
Elevation: 88.917 ft.

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- RV 262 - ROCKY HILL, SOMERSET COUNTY. On the southwest side of Washington St., about 0.4 miles southeast of its intersection with State Highway Route #31, and on the east side of the retaining wall leading to the driveway of Mrs. Nellie Robbins; 17.0 ft. southwest of the centerline of the St.; 5.3 ft. northwest of pole #PS-42-RH; 51.6 ft. northeast of the northeast corner of Mrs. Nellie Robbins house, and 65.0 ft. east of the northwest corner of the same house. A monel metal rivet.
Elevation: 117.967ft.
- RV 126 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the north corner of the intersection of State Highway Route #31 and the Rocky Hill-Skillman Road, about 3.9 miles northeast of Princeton, in the south corner of the concrete curb of the sidewalk around the Standard Gasoline Station; 55.2 ft. northeast of the centerline of the Highway, and 54.3 ft. northwest of the centerline of the road. A monel metal rivet.
Elevation: 130.779 ft.
- MON 111 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 3.7 miles northeast of Princeton, and just north of a branch of the Millstone River; 14.9 ft. northwest of the centerline of the Highway, 12.2 ft. north of the east-west centerline of the bridge. A standard U.S.C.&G.S.&S.S. disk, stamped "111" set in concrete flush with the ground.
Elevation: 115.179 ft.
- MK 434 - ROCKY HILL, SOMERSET CO. On the outer edge at the east end of the white sandstone window sill of the basement window, on the south face of the red-brick school building. The window is on the extreme right as you enter the building. A cross. N.J.G.S.-B.M.
Elevation: 104.860 ft.
- MK 435 - ROCKY HILL, SOMERSET CO. A cross on the south end of the lower of six concrete steps into the property at the southwest corner of roads, about 1 mile west of the village. The point is about 100 ft. from the main Rocky Hill-Hopewell Road. A cross. N.J.G.S.-B.M.
Elevation: 136.237 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Mercer County

DESCRIPTION OF BENCH MARKS

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STARTING AT COX'S CORNER, LAWRENCE TOWNSHIP, MERCER CO. THEN SOUTHEAST ALONG THE OLD PRINCETON AND CLARKSVILLE ROAD TO PENNA. RR 3/4 MILE EAST OF LAWRENCE, MERCER CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

- MON 118 - COX'S CORNER, LAWRENCE TWP, MERCER CO. On the north side of Route #27 about 2.95 miles southwest of its intersection with Withspoon St. in Princeton, and also about 30.4 ft. westerly from the centerline of the Province Road, 20. ft. northwesterly from the centerline of Route #27; 21.2 ft. southerly from the corner fence post. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "118" set in concrete flush with ground.
Elevation: 173.920 ft.
- RV 173 - LAWRENCE TWP., MERCER CO. On the westerly side of St. Highway Route #27, in the concrete headwall of a culvert. 12.50 ft. westerly from the centerline of Route #27; 49.6 ft. southwesterly from the most northeasterly fence post on the east side of Route #27. A standard monel metal rivet.
Elevation: 92.936 ft.
- MON 2119- LAWRENCE TWP., MERCER CO. On the northwest corner of the Old Princeton Road and Province Line Road, 42.40 ft. northeast of a nail in pole #BT-5131; 4.92 ft. southwest of the southwest corner of a stone culvert. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "2119" set in concrete, flush with ground.
Elevation: 90.964 ft.
- MON. 2118-LAWRENCE TWP, MERCER CO. On the east side of the Old Princeton Road, about opposite the centerline of Fackler Road, (prolonged), 79.63 ft. north of the center of a stone property marker, 11.43 ft. southeast of the centerline of the Old Princeton Road. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "2118", set in concrete, flush with the ground.
Elevation: 83.130 ft.
- RV 174 - LAWRENCE TWP, MERCER CO. On the east side of Province Line Road, about 1.87 miles south of Cox's Corner, in a concrete culvert over Duck Pond Run. 14.5 ft. east of the centerline of the road; 21.3 ft. south of the northerly end of headwall; 15. ft. north of the southerly end of headwall. A standard monel metal rivet.
Elevation: 64.213 ft.

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- RV 175 - WEST WINDSOR TOWNSHIP, MERCER CO. On the northeast side of the Province Line Road in a concrete headwall just south of the Delaware and Raritan Canal. 14.50 ft. northeast of the centerline of the road; 21.9 ft. south of the southeast corner of the porch of house of C.H. Mather; 14.2 ft. northwest of pole #PS-1197-WW. A standard monel metal rivet.
Elevation: 94.311 ft.
- MON 2120 - CLARKSVILLE, WEST WINDSOR TWP., MERCER CO. On the southeast corner of the Clarkville Road and Brunswick Pike, 16.0 ft. southwest of a nail in pole # 1202-WW; 101.77 ft. southeast of a nail in pole #PS-1172-WW. A standard U.S.C.&G.S.&S. bronze disk, set in concrete, stamped "2120", set 0.7 ft. below ground.
Elevation: 99.469 ft.
- MON. 2121 -WEST WINDSOR TWP, MERCER CO. On the northeast side of Clarkville Road, about 0.3 mile southeast of State Highway Route #26. 116.17 ft. southeast of anail in pole #60117-WW; 13.55 ft. northeast of the centerline of the road; 7.46 ft. west of an nail in pole #60116-WW; A standard U.S.C.&G.S.&S. bronze disk, set in concrete, stamped "2121", level with the pavement.
Elevation: 99.627 ft.
- 51-P.R.R.- About 3/4 of a mile east of Lawrence, Mercer Co., on the Penna. R R on the north end of the east abutment of a culvert. A chiseled square. A first order S.M.
Elevation: 21.316 meters or 69.934 ft.

LOCAL CONTROL SURVEY

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DESCRIPTION OF BENCH MARKS

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IN TRENTON, MERCER COUNTY, BEGINNING AT THE NORTHWEST CORNER OF THE INTERSECTION OF STATE AND WARREN STREETS (SPUR RUN WEST ON WEST STATE STREET TO GREEN PLACE), SOUTH ON SOUTH WARREN STREET TO FEDERAL STREET, EAST ON FEDERAL STREET TO CENTER STREET, SOUTH ON CENTER STREET TO LALOR STREET, EAST ON LALOR STREET TO SOUTH BROAD STREET, SOUTHEAST ON SOUTH BROAD STREET TO CHAMBERS STREET, NORTHWEST ON CHAMBERS STREET TO GREENWOOD AVENUE, NORTHEAST ON GREENWOOD AVENUE TO OLDEN AVENUE, NORTH ON OLDEN AVENUE TO ST. JOES AVENUE, NORTHEAST ON ST. JOES AVENUE TO MULBERRY STREET, AND THENCE NORTHWEST ON MULBERRY STREET TO PRINCETON AVENUE.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

RV 155 - TRENTON, MERCER COUNTY. At the northwest corner of the intersection of State and Warren Streets, in the granite water table of the Trenton Banking Company building. A monel metal rivet.

Elevation: 51.570 ft.

SPUR RUN FROM RV 155 TO MON 185

MON 184 - TRENTON, MERCER COUNTY. At the north corner of the intersection of West State and North Willow Streets, under an "access" cover; 26.95 feet northwest of the center line of North Willow Street, 14.55 feet southwest from the center of a fire hydrant, 7.31 feet southwest of the south corner of building #102 West State Street, and 3.95 feet northwest of a C.I. traffic light post. A standard U.S.C. & G.S. & S.S. disk, stamped "184", set in concrete 5 inches below sidewalk level.

Elevation: 48.984 ft.

MON 185 - TRENTON, MERCER COUNTY. On the east corner of the intersection of West State Street and Green Place, in front of the Medical Arts Building, #178 West State Street, under an "access" cover; 44.05 feet southeast of the west corner of the Medical Arts Building, 24.25 feet northeast of the center line of West State Street, 8.68 feet northwest of a fire hydrant, 4.45 feet northeast of the northeast curb, and 20.78 feet west of the west corner of the Contemporary Club building. A standard U.S.C. & G.S. & S.S. disk, stamped "185", set in concrete 5 inches below sidewalk level.

Elevation: 52.270 ft.

END OF SPUR RUN FROM RV 155 TO MON 185

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MON. 186 - TRENTON, MERCER COUNTY. On the northwest corner of the intersection of South Warren Street and Drummond Alley, in a meter box in the sidewalk; 5.8 feet north of the north curb of Drummond Alley, and 25.3 feet west of the centerline of South Warren Street. A standard U. S. C. & G. S. & S. S. disk, stamped "186", set in concrete.

Elevation: 26.819 ft.

MON. 187 - TRENTON, MERCER COUNTY At the northwest corner of the intersection of South Warren and Falls Streets, in a meter box in the sidewalk; 28.9 ft. north of the center line of Falls Street, and 24.7 ft. west of the center line of South Warren Street. A standard U.S.C.&G.S.&S.S. disk, stamped "187" and set in concrete.

Elevation: 29.144 ft.

MON. 188 - TRENTON, MERCER COUNTY At the southeast corner of the intersection of Center and Federal Streets, in a meter box; 25.8 feet east of the center line of Center Street, 23.7 ft. south of the center line of Federal Street, 3.05 ft. east of a drill hole in the curb, and 2.17 ft. south of the drill hole in the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "188", set in concrete 0.87 ft. below sidewalk level.

Elevation: 35.173 ft.

104 (P.R.R.)-TRENTON, MERCER COUNTY. On South Broad Street, in the top of the north wall of the lock in the Delaware and Raritan Canal. A copper bolt, U.S.C.&G.S.-B.M.

Elevation: 52.621 ft.

MON. 189 - TRENTON, MERCER COUNTY At the southeast corner of the intersection of Center and Cass Streets, in a meter box in the sidewalk; 31.2 ft. south of the center line of Cass Street, 24.0 ft. east of the center line of Center Street, 0.58 ft. northeast of a drill hole in the curb, and 7.78 ft. south of a drill hole in the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "189", set in concrete 0.87 ft. below sidewalk level.

Elevation: 33.243 ft.

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- RV 157 - TRENTON, MERCER COUNTY. At the southwest corner of the intersection of Center and Lalor Streets, in the coping of the Hygiene Cafe. A monel metal rivet.
Elevation: 45.980 ft.
- RV 158 - TRENTON, MERCER COUNTY. On the south side of Lalor Street, in the southeast corner of the south wingwall of a bridge over the Delaware and Raritan Canal. A monel metal rivet.
Elevation: 46.950 ft.
- R 2 - TRENTON, MERCER COUNTY. About 1 mile south of the Pennsylvania Railroad station in Trenton, 120 yards west of the Lalor Street crossing, 330 feet west of "UN Tower", 300 feet east of bridge #41-45, and 7 feet south of the south rail, in the foundation of a semaphore on the Bordentown Branch. A standard U.S.C. & G.S.-B.M. disk, stamped "R 2 1924".
Elevation: 12.456 meters or 40.866'
- MON 190 - TRENTON, MERCER COUNTY. At the northwest corner of the intersection of Lalor and Jersey Streets, in a meter box in the sidewalk; 50.0 feet west of the center line of Jersey Street, 19.9 feet north of the center line of Lalor Street, 8.55 feet east of a drill hole in the curb, and 4.34 feet northwest of a drill hole in the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "190", set in concrete 0.67 feet below sidewalk level.
Elevation: 43.022 ft.
- MON 191 - TRENTON, MERCER COUNTY. At the northwest corner of the intersection of Lalor and Liberty Streets and Chestnut Avenue, in a meter box in the sidewalk; 23.0 feet north of the center line of Lalor Street, 27.4 feet west of the center line of Chestnut Avenue, 4.79 feet northwest of a drill hole in the curb, and 5.97 feet northeast of a drill hole in the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "191", set in concrete 0.67 feet below sidewalk level.
Elevation: 46.904 ft.
- RV 169 - TRENTON, MERCER COUNTY. At the south corner of the intersection of South Broad and Lalor Streets, on the southeast end of the top step of the main entrance to the Pilgrim Church. A monel metal rivet.
Elevation: 57.494 ft.

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- MON 192 - HAMILTON TOWNSHIP, MERCER COUNTY. On the southwest side of South Broad Street, in front of the Holy Angels R.C. Church; 41.0 feet southwest of the center line of South Broad Street, 9.62 feet south of a drill hole in the curb, 10.35 feet east of a drill hole in the sidewalk to the church, and 41.55 feet northeast of the northeast corner of the church. A standard U.S.C. & G.S. & S.S. disk, stamped "192", set in concrete flush with the ground.
Elevation: 52.068 ft.
- MON 193 - HAMILTON TOWNSHIP, MERCER COUNTY. On the southwest side of South Broad Street, opposite the junction of Rennie Street, in front of #1957 South Broad Street; 47.6 feet southwest of the center line of South Broad Street, 13.66 feet southeast of a drill hole in the curb, and 13.17 feet west of a drill hole in the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "193", set in concrete flush with the ground.
Elevation: 55.094 ft.
- RV 160 - TRENTON, MERCER COUNTY. On the northeast side of Chambers Street, opposite Woodland Avenue, and set in the top step of the After Breakfast Club. A monel metal rivet.
Elevation: 58.128 ft.
- MON 194 - TRENTON, MERCER COUNTY. At the west corner of the intersection of Chambers and Liberty Streets, under a meter box; 23.0 feet southwest of the center line of Chambers Street, 28.6 feet northwest of the center line of Liberty Street, 6.1 feet northwest of a cross cut in the curb of Liberty Street, and 6.06 feet south of pole #81213-TN. A standard U.S.C. & G.S. & S.S. disk, stamped "194", set in concrete 0.67 feet below the sidewalk.
Elevation: 54.422 ft.
- MON 195 - TRENTON, MERCER COUNTY. At the west corner of the intersection of Chambers Street and Roebling Avenue, under a meter box; 27.4 feet southwest of the center line of Chambers Street, 19.4 feet northwest of the center line of Roebling Avenue, 13.55 feet east of the east corner of the corner office building, and 3.37 feet west of a drill hole in the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "195", set in concrete 0.67 feet below sidewalk level.
Elevation: 56.232 ft.
- RV 161 - TRENTON, MERCER COUNTY. On the northeast side of Chambers Street near its intersection with Greenwood Avenue, on the outside platform of the main entrance of the Central High School Building, and set between the northern and central doorways. A monel metal rivet.
Elevation: 67.306 ft.

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- 56 (P.R.R.)-TRENTON, MERCER CO. On the Pa. RR, at Clinton St. bridge, in the foundation at the east end of the pier. A copper bolt. A U.S.C.&G.S. 1st order B. M.
Elevation: 31.552 ft. 9.617 meters
- MON 2100 - TRENTON, MERCER CO. At the east corner of the intersection of Greenwood and S. Cook Aves under a meter box; 22.0 ft. northeast of centerline of S. Cook Ave; 26.7 ft. southeast of the centerline of Greenwood Ave; and 7.0 ft. southeast of a drill hole in the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "2100" set in concrete 0.67 ft. below sidewalk level.
Elevation: 53.958 ft.
- MON. 2101 - TRENTON, MERCER CO. At the south corner of the intersection of Greenwood and S. Olden Aves, under a meter box; 22.1 ft. southwest of the centerline of S. Olden Ave.; 24.6 ft. southeast of the centerline of Greenwood Ave; 3.51 ft. southeast of a drill hole in the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "2101" set in concrete, 0.67 ft. below sidewalk level.
Elevation: 54.236 ft.
- RV 162 - TRENTON, MERCER CO. On the east side of N. Olden Ave., in the top of the south central pier of the east balustrade of the concrete bridge over the freight tracks of the Pa. RR, between E. State St. and N. Clinton Ave. A monel metal rivet.
Elevation: 66.630 ft.
- MON. 2102 - TRENTON, MERCER CO. On the east corner of the intersection of N. Olden Ave and St. Joes Ave, in front of St. Joes R.C. Church, under a meter box. 24.6 ft. southeast of the center line of St. Joes Ave., 22.2 ft. northeast of the centerline of N. Olden Ave., and 4.94 ft. northeast of a drill hole in the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "2102" set in concrete, 0.67 ft. below sidewalk level.
Elevation: 50.977 ft.
- MON. 2103 - TRENTON, MERCER CO. On the east corner of the intersection of St. Joes and Girard Avenues, in front of house #336 Girard Ave., under a meter box. 30.0 ft. northeast of the centerline of Girard Ave.; 18.8 ft. southeast of the centerline of St. Joes Ave., 7.2 ft. north of a drill hole in the steps to house #336. A standard U.S.C.&G.S.&S.S. disk, stamped "2103" set in concrete 0.67 ft. below sidewalk level.
Elevation: 49.997 ft.

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- RV 163 - TRENTON, MERCER COUNTY. On the west side of Mulberry Street, at the base of a window in the east wall of the Imperial Porcelain Company Building; 75.0 feet north of the southwest corner of the building and 100.0 feet north of the Delaware and Raritan Canal. A monel metal rivet.
Elevation: 62.433 ft.
- MON 180 - TRENTON, MERCER COUNTY. On the northwest side of Princeton Avenue at its junction with Mulberry Street; 22.7 feet northwest of the center line of Princeton Avenue, 7.2 feet southwest of the prolonged center line of Mulberry Street, and 295.0 feet southwest of pole #PB-9-LA. A standard U.S.C. & G.S. & S.S. disk, stamped "180", set in concrete.
Elevation: 97.948 ft.
- MK 431 - TRENTON, MERCER COUNTY. A triangle cut in the northeast corner of the most northerly coping stone of the west lock wall of the prison lock of the Delaware and Raritan Canal. (A N.J. Geological Survey Bench Mark.)
Elevation: 52.950 ft.
- MK. 432- TRENTON, MERCER COUNTY. A cross on the outer corner at the south end of second step from bottom of the most southerly set of steps leading from Third Avenue into the State Prison. The entrance is about 115 yards south of Federal St. (A N.J. Geological Survey Bench Mark)
Elevation: 45.181 ft.

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STARTING AT THE PENNA RR, 2/3 of a MILE WEST OF LAWRENCE, MERCER CO, THENCE NORTHWEST ALONG COUNTY ROAD #9, TO THE INTERSECTION OF STATE HIGHWAY ROUTE #27 AND THE BAKERS BASIN ROAD, LAWRENCEVILLE, MERCER CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

52-A P.R.R.- About 2/3 of a mile west of Lawrence, Mercer County, 400 ft. north of the Penna RR, on the southwest wing-wall of a public road bridge. A chiseled square. A first order B.M.
Elevation: 17.133 meters, or 56.211 ft.

RV 176 - LAWRENCE TOWNSHIP, MERCER CO. On the north side of a road leading from Lawrence Station in Bakers Basin in a concrete step leading to a dwelling. 29.3 ft. northeast of pole #PRR-30; 20.1 ft. northwest of pole #PS-2403-LA. It is about 1 mile east of N.J. Route #24. A standard monel metal rivet.
Elevation: 58.254 ft.

RV 177 - LAWRENCE TOWNSHIP, MERCER CO. On the north side of the road leading from Lawrence Station to Bakers Basin, in a concrete headwall, on a bridge, over Shipetankin Creek, which is about 2000 ft. east of N.J. Route #28. 13.0 ft. west of pole #PS-2372-LA; 9.9 ft. north of the centerline of the road. A standard monel metal rivet.
Elevation: 54.680 ft.

RV 178 - LAWRENCE TOWNSHIP, MERCER CO. On the north side of County Road #9, about 1000 ft. west of State Highway Route #26; in the bottom step leading to the house of R.S. Hart. 43.8 ft. west of pole #PS-1864-LA; 52.7 ft. east of pole #PS-1856-LA. A standard monel metal rivet.
Elevation: 57.687 ft.

RV 179 - LAWRENCE TOWNSHIP, MERCER CO. On the east side of County Road #9, about 2000 ft. east of the Old Princeton Turnpike; in the concrete walk leading to the house of H. Moas. 63.3 ft. southeast of pole #PS-1879-LA; 63.7 ft. northeast of pole #PS-1878-LA. A standard monel metal rivet.
Elevation: 63.683 ft.

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- RV 180 - LAWRENCE TOWNSHIP, MERCER CO. On the north side of Co. Road #9, about 500 ft. west of the Old Princeton Turnpike, in a concrete headwall of a culvert. 45.5 ft. northwest of pole #PS-2026-LA; 19.0 ft. northeast of the centerline of the road; 106.1 ft. east of pole #PS-2025-LA. A standard monel metal rivet.
Elevation: 69.599 ft.
- RV 181 - LAWRENCE TOWNSHIP, MERCER CO. On the south side of County Road #9, about 2500 ft. east of N.J. Route #27, in the wall of a catch basin. 15.5 ft. south of the centerline of Co. Road #9; 38.0 ft. north of pole #PS-2007-LA; 43.4 ft. northwest of pole #56. A standard monel metal rivet.
Elevation: 98.423 ft.
- RV 182 - LAWRENCE TOWNSHIP, MERCER CO. On the north side of Co. Road #9, about 500. ft. west of the Princessville Road. In the wall of a catch basin. 5.0 ft. west of pole #71; 15.0 ft. north of the centerline of the road; 55.8 ft. east of pole #PS-2618-LA. A standard monel metal rivet.
Elevation: 118.632 ft.
- RV 143 - LAWRENCEVILLE, MERCER CO. On the southwest corner of the intersection of State Highway Route #27 and the Bakers Basin Road, set in a 4 inch headwall of a culvert opposite the west gate of the Lawrenceville Preparatory School Campus. A standard monel metal rivet.
Elevation: 120.689 ft.

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2 Pages

STARTING AT PENNS NECK, WEST WINDSOR TWP., MERCER CO. AT THE INTERSECTION OF S.H. RTE. 26 AND CO. RTE. 7C RUNNING THENCE SOUTHWEST ALONG S.H. RTE. 26 TO CLARKESVILLE ROAD, CLARKESVILLE, WEST WINDSOR TWP., MERCER CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- Mon. 145 - PENNS NECK, WEST WINDSOR TWP., MERCER CO. In the traffic circle at the intersection of the Brunswick Pike (S.H. Rte. #26) and the Princeton-Penns Neck Rd. (Co. Rte. 7C). 43.9 ft. south of the south edge of a manhole frame; 43.0 ft. west of the northeast end of a catch basin. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 105.255 ft.
- Mon. 2164 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S.H. Rte. 25, 0.47 miles south of traffic circle at Penns Neck, 31.6 ft. southeast of centerline of highway; 35.4 ft. northeast of the southeast corner of concrete slab 686. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 102.832 ft.
- Mon. 2165 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S. H. Rte. #26 0.8 miles south of traffic circle at Penns Neck; 31.2 ft. southeast of centerline of highway; 25.7 ft. north of pole #60294-WW. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 104.308 ft.
- Mon. 2166 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S. H. Rte. #26, 1.47 miles south of traffic circle in Penns Neck, 37.8 ft. southeast of centerline of highway; 47.1 ft. southwest of pole #60322-WW. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 90.791 ft.
- Mon. 2167 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S.H. Rte. #26, 1.82 miles south of traffic circle in Penns Neck, 35.5 ft. southeast of centerline of highway; 37.8 ft. northeast of pole #60338-WW. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 79.526 ft.

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- Mon. 2168 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S.H. Rte. 26, 2.42 miles south of traffic circle at Penna Neck, 35.2 ft. southeast of centerline of highway. 28.8 ft. southwest of pole #1141-WW. A standard U.S.C. & G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 63.980 ft.
- Mon. 2169 - WEST WINDSOR TWP., MERCER CO. On the southeast side of S.H. Rte. 26, 2.77 miles south of traffic circle at Penna Neck, 39.3 ft. southeast of centerline of highway; 19.0 ft. southwest of pole #1154-WW. A standard U.S.C. & G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 93.307 ft.
- Mon. 2120 - CLARKSVILLE, WEST WINDSOR TWP, MERCER CO. On the southeast corner of the Clarksville Road and Brunswick Pike, 16.0 ft. southwest of a nail in pole #1202-WW; 101.77 ft. southeast of a pole #P8-1172-WW. A standard U.S.C. & G.S.&S.S. disk, set in concrete, 0.7 ft. below ground.
Elevation: 98.468 ft.

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2 PAGES

STARTING AT PRINCETON, MERCER CO. AT PROSPECT AVE AND WASHINGTON RD?
RUNNING SOUTHEAST ON THE PRINCETON-PENNS NECK ROAD (CO. RTE. 7C)
TO THE PENNA RR STATION AT PRINCETON JUNCTION, MERCER CO. N.J.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL BASED ON THE 1929
GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST &
GEODETIC SURVEY.

- Mon. 100 - PRINCETON, MERCER CO. On the southeast side of Prospect Ave., at a point directly opposite the Princeton Triangulation Station, between the sidewalk and the curb; 19.1 ft. southeast of the centerline of Prospect Ave., and 224.3 ft. northeast of the centerline of Washington Road. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the the ground.
Elevation: 200.753 ft.
- Mon. 2135 -PRINCETON TWP., MERCER CO. On the southwest side of Washington Road about 1325 ft. north of the north shore line of Carnegie Lake, 18.2 ft. southwest of a spike in the centerline of Washington Road; 69.4 ft. southwest of pole #PS-440-PP; A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 108.957 ft.
- Mon. 2136 - PRINCETON TWP, MERCER CO. On the northwest corner of Washington Road and Lover's Lane; 13.0 ft. southwest of the centerline of Washington Road; 54.79 ft. northwest of the northwest corner of the bridge over Carnegie Lake. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 64.491 ft.
- Mon. 144 - WEST WINDSOR TWP., MERCER CO. On the southwest side of the Princeton-Penns Neck Rd. (Co. Rte. #7C). about 0.35 miles northwest of the traffic circle on the Brunswick Pike, 28.7 ft. southwest of centerline of road; 33.8 ft. south of pole #PS-319-WW. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 102.525 ft.
- Mon. 145 - PENNS NECK, West Windsor Twp., Mercer Co. In the traffic circle at the intersection of the Brunswick Pike (S.H. Rte. #26) and the Princeton-Penns Neck Rd. (Co. Rte. 7C). 43.9 ft. south of south edge of a manhole frame; 43.0 ft. west of the northeast end of a catch basin. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 105.255 ft.

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- Mon. 2137 - WEST WINDSOR TWP., MERCER CO. On the southwest side of the Princeton-Hightstown Road about 0.7 miles southeast of traffic circle in Penns Neck; 17.2 ft. southwest of centerline of road; 39.84 ft. northwest of pole #PS-366-WW; A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 65.982 ft.
- Mon. 2138 - WEST WINDSOR TWP., MERCER CO. On the northeast side of the Princeton-Hightstown Road about 1. mile southeast of the traffic circle at Penns Neck; 16.1 ft. northeast of centerline of road; 34.9 ft. northeast of pole #PSE-379-WW; 65.8 ft. northwest of another pole. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with ground.
Elevation: 59.001 ft.
- Mon. 146 - PRINCETON JCT., WEST WINDSOR TWP., MERCER CO. N.J. On the west side of the Princeton-Hightstown Rd. (Co. Rte. 7C) about 550. ft. south of the main line of the Penna. RR. and in a triangular plot of ground formed by the junction of Co. Rte. 7C, Co. Road 15, and a road to the Penna Sub-station. 20.0 ft. northwest of pole #PSE-398-WW. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 87.512 ft.
- 48-A - PRINCETON JCT., MERCER CO. In the doorsill of the Penna. RR. Station. A copper bolt. A U.S.C.&G.S. First Order B.M.).
Elevation: 25.844 meters, or 84.790 ft.

LOCAL CONTROL SURVEY

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Middlesex County
1934

DESCRIPTION OF BENCH MARKS

MID-A Page 1

MID-A, A1, A2

BEGINNING AT PERTH AMBOY, MIDDLESEX COUNTY, AT INTERSECTION OF AMBOY AVENUE AND HALL STREET (A 11), THENCE NORTHWEST TO METUCHEN, VIA FORDS WITH SPUR RUN TO TRIANGULATION STATION HOB, SOUTHWEST TO HIGHLAND PARK, AND THENCE NORTHWEST TO BOUND BROOK, SOMERSET COUNTY.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U. S. COAST & GEODETIC SURVEY.

A - 11 - PERTH AMBOY, MIDDLESEX COUNTY. At the southwest corner of the intersection of Amboy Avenue and Hall Street, at the Garfield Fire Station, in the center of the front face of the building, and 4 feet higher than the ground. A standard U.S.C. & G.S. disk, stamped "A 11 1933", and set vertically.

Elevation: 35.101 meters or 115.161'

MON 332 - PERTH AMBOY, MIDDLESEX COUNTY. At the intersection of State Highway Route #4 and Brace Avenue, on the northeast corner in the sidewalk; 25.56 feet northeast of a cut in a manhole frame; 18.77 feet southeast of a cut in a manhole frame, and 37.41 feet west of the southwest corner of the entrance porch of a one and one-half story brick and stucco building. A standard U.S.C. & G.S. & S.S. disk, stamped "332", set in concrete 0.45 feet below the level of the sidewalk.

Elevation: 120.682 ft.

DISK 389 - PERTH AMBOY, MIDDLESEX COUNTY. Approximately 0.2 miles northwest from the intersection of State Highway Route #4 and Brace Avenue, set in the brick wall of the City Stable at the east end of the south side of the building, about 3.0 feet above the ground. A standard U.S.C. & G.S. & S.S. disk, stamped "389-D", set vertically.

Elevation: 112.270 ft.

RV 376 - PERTH AMBOY, MIDDLESEX COUNTY. Approximately 0.4 miles northwest from the intersection of State Highway Route #4 and Brace Avenue, on New Brunswick Avenue, at the west end of the north culvert; 30.0 feet north of the center line of the avenue. A monel metal rivet, set in concrete level with the sidewalk.

Elevation: 82.132 ft.

RV 377 - HOPELAWN, MIDDLESEX COUNTY. On New Brunswick Avenue, about 0.9 miles northwest from the intersection of State Highway Route #4 and Brace Avenue, at the west end of south culvert; 30.0 feet south of the center line of New Brunswick Avenue, and approximately 350.0 feet east of Rosenthals Handkerchief Factory. A monel metal rivet, set in concrete.

Elevation: 78.524 ft.

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DESCRIPTION OF BENCH MARKS

- RV 378 - FORDS, MIDDLESEX COUNTY. On New Brunswick Avenue, about 1.3 miles northwest from the intersection of State Highway Route #4 and Brace Avenue, at west end of north culvert; 30.0 feet north of center line of New Brunswick Avenue and approximately 0.15 miles east of Crows Mill Road. A monel metal rivet, set in concrete.
Elevation: 101.186 ft.
- MON 338 - FORDS, MIDDLESEX COUNTY. On New Brunswick Avenue at its intersection with Crows Mill Road, on the northeast corner between the curb and the sidewalk; 81.04 feet northeast of a out in a fire hydrant stem on the southwest corner, and 3.68 feet southeast of pole #BT-1568-WE. A standard U.S.C. & G.S. & S.S. disk, stamped "338", set in concrete level with the curb.
Elevation: 126.287 ft.
- MK 379 - FORDS, MIDDLESEX COUNTY. On New Brunswick Avenue at its intersection with Crows Mill Road, on the southwest corner in concrete base of light standard. A U.S.E. disk, stamped "B.M.B. 30-33".
Elevation: 126.755 ft.
- MON 339 - FORDS, MIDDLESEX COUNTY. On New Brunswick Avenue, opposite Hoy Avenue, on the south side; 1.23 feet south of the curb; 56.76 feet northwest of the northeast corner of Balint's Service Station; 52.34 feet northeast of the northwest corner of the same building, and 22.36 feet southwest of a out in a manhole frame. A standard U.S.C. & G.S. & S.S. disk, stamped "339", set in concrete level with the curb.
Elevation: 129.692 ft.
- RV 380 - FORDS, MIDDLESEX COUNTY. On Hoy Avenue, approximately 0.3 miles from the intersection of New Brunswick Avenue and Hoy Avenue, set in a window sill at the left of the entrance to the Woodbridge School #7, and about 3.0 feet above ground. A monel metal rivet.
Elevation: 149.724 ft.
- RV 381 - FORDS, MIDDLESEX COUNTY. On Fords Avenue, approximately 0.7 miles west of Woodbridge School #7; 0.5 miles southeast from the intersection of New Brunswick Avenue and Fords Avenue, set in the west end of step to entrance of Woodbridge School #14 on the south side of building. A monel metal rivet.
Elevation: 148.038 ft.

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RV 382 - FORDS, MIDDLESEX COUNTY. On King George Road at the north corner of the intersection of the Road with New Brunswick Avenue, set in the south end of stone door sill to entrance of Fords Bank, at the front of the bank. A monel metal rivet.

Elevation: 113.954 ft.

RV 383- FORDS, MIDDLESEX COUNTY. On King George Road, approximately 0.2 miles west from its intersection with New Brunswick Avenue, set in concrete at the south end of east abutment wall of Lehigh Valley Railroad overpass bridge; 2.5 feet below road. A monel metal rivet.

Elevation: 114.026 ft.

SPUR RUN FROM RV 383 TO MON 341.

MON 340-RARITAN TOWNSHIP, MIDDLESEX COUNTY. On King George Road about 2.52 miles west and southwest of the intersection of New Brunswick Avenue and Convery Place, Perth Amboy, on the north side of the road; 8.33 feet south of a nail in the top of a tree stump; 74.57 feet northeast of a nail in pole #PS-1127-WB-L-448, and 71.43 feet northwest of a nail in pole #PS-1126-WB. A standard U.S.C. & G.S. & S.S. disk, stamped "340", set in concrete and level with the crown of the road.

Elevation: 109.135 ft.

H08 - FORDS, MIDDLESEX COUNTY. On the north side of King George Road 0.6 miles west of its intersection with New Brunswick Avenue, on the property of the McKose Clay Company on the highest ground in the vicinity. A standard U.S.C. & G.S. Triangulation disk, stamped "H08-1932" set in the flat top of a 3-foot truncated-conical concrete monument of 12" top diameter which is flush with the ground.

Elevation: 115.189 ft.

MON 341- RARITAN TOWNSHIP, MIDDLESEX COUNTY. On King George Road about 2.78 miles west and southwest of the intersection of New Brunswick Avenue and Convery Place in Perth Amboy, on the north side of the Road; 25.94 feet southwest of a nail in the top of a tree stump; 87.27 feet northwest of a nail in pole #PS-3222-RT, and 45.68 feet north of a nail in pole #L-525-0. A standard U.S.C. & G.S. & S.S. disk, stamped "341", set in concrete and level with the crown of the road.

Elevation: 108.394 ft.

END OF SPUR RUN FROM RV 383 TO MON 341.

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Middlesex County
1934

DESCRIPTION OF BENCH MARKS

MID-A Page 4

RV 384 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On New Brunswick Avenue set in brick wall of Raritan Engine Company #2 Fire House at the east end of north side of building; 115 feet west of the center line of Charles Street and 100 feet east of the center line of Albourne Street, 2.4 feet above grade. A monel metal rivet.

Elevation: 117.327 ft.

RV 385 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On New Brunswick Avenue south side, approximately 0.5 miles west of Rv. 384, set in the concrete base of flagpole of the Clara Barton School, about 50 feet south of the center line of New Brunswick Avenue. A monel metal rivet.

Elevation: 105.217 ft.

MON 342 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On New Brunswick Avenue at the southwest corner of its intersection with Central Avenue, between the curb and the sidewalk; 13.66 feet northwest of a drill hole and cross cut in the curb; 52.84 feet southeast of a cross cut in a manhole frame, and 58.97 feet southeast of a cross cut in a manhole frame. A standard U.S.C. & G.S. & S.S. disk, stamped "342", set in concrete level with the sidewalk.

Elevation: 105.838 ft.

MON 343 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. At the intersection of State Highway Route #25 and New Brunswick Avenue, on the northwest corner; 64.85 feet northwest of a cut in a manhole frame; 14.95 feet east of a cut in the head of a catch basin; 61.93 feet north of a cut in the head of a catch basin, and 38.01 feet southwest of a nail in pole #PB-4855-RT. A standard U.S.C. & G.S. & S.S. disk, stamped "343", set in concrete 0.33 feet below the top of the curb.

Elevation: 102.529 ft.

SPUR RUN FROM MON 343 TO RV 386.

RV 386 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the Lehigh Valley Railroad overpass over State Highway Route #25, 0.20 miles south of its intersection with New Brunswick Avenue, set in concrete at north end of west abutment 30 feet west of center line of Route #25. A monel metal rivet.

Elevation: 115.091 ft.

END OF SPUR RUN FROM MON 343 TO RV 386.

RV 387 - METUCHEN, MIDDLESEX COUNTY. On Amboy Avenue, set in concrete headwall of a culvert on south side of Amboy Avenue, 30.0 feet south of the center line of the avenue, and 65.0 feet west of Peltier Avenue. A monel metal rivet.

Elevation: 94.759 ft.

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Middlesex County
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RV 388 - METUCHEN, MIDDLESEX COUNTY. At the north end of Simpson Street, set in the bluestone step west of the entrance (between columns) on the south side of Washington School. A monel metal rivet.

Elevation: 116.858 ft.

RV 337 - METUCHEN, MIDDLESEX COUNTY. In the north corner of the northeast abutment wall to the Pennsylvania Railroad bridge over Main Street, about 0.2 miles southeast of its intersection with State Highway Route #27; 20.0 feet northeast of the center line of the Street. A monel metal rivet, set 3.0 feet above the sidewalk.

Elevation: 96.696 ft.

SPUR RUN FROM RV 337 TO MON 373

MON 372 - METUCHEN, MIDDLESEX COUNTY. On the northwest corner of the intersection of Main and High Streets; 25.00 feet west of the center line of Main Street, 11.96 feet southwest of a drill hole and "V" cut in the curb, and 4.71 feet northeast of a drill hole and "V" cut in the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "372", set in concrete 1.4 feet below ground level.

Elevation: 118.541 ft.

MON 373 - METUCHEN, MIDDLESEX COUNTY. On the southwest corner of the intersection of High Street and Lake Avenue; 11.27 feet north of a spike in the root of an 18-inch Maple tree, 11.40 feet east of a drill hole and "V" cut in the sidewalk, and 46.88 feet west of a drill hole and "V" cut in the sidewalk across Lake Avenue. A standard U.S.C. & G.S. & S.S. disk, stamped "373", set in concrete 0.5 feet below ground level.

Elevation: 123.613 ft.

END OF SPUR RUN FROM RV 337 TO MON 373

RV 336 - METUCHEN, MIDDLESEX COUNTY. On the south corner of the intersection of State Highway Route #27 and Main Street, set in the concrete step of the entrance to the Methodist Episcopal Church; 50.0 feet southeast of the center line of the Highway, and 50.0 feet southwest of the center line of the Street. A monel metal rivet.

Elevation: 98.450 ft.

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MON 216 - METUCHEN, MIDDLESEX COUNTY. On the west corner of the intersection of Middlesex Avenue (State Highway Route #27) and Center Street, and in front of the Franklin High School; 20.60 feet northwest of the center line of the Avenue, 39.90 feet southwest of the center line of the Street, and 1.02 feet northwest of the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "216", set in concrete 0.6 feet below the crown of the Avenue.

Elevation: 88.105 ft.

SPUR RUN FROM MON 216 TO MARK 338

MK 338 - METUCHEN, MIDDLESEX COUNTY. On the west corner of the intersection of Middlesex Avenue (State Highway Route #27) and Center Street, and in the step of the entrance to Franklin High School on Middlesex Avenue. A U.S.E. disk, stamped "B.M.B. 36-33".

Elevation: 89.986 ft.

END OF SPUR RUN FROM MON 216 TO MARK 338

SPUR RUN FROM MON 216 TO RV 340

RV 1747 - METUCHEN, MIDDLESEX COUNTY. On the northwest side of Middlesex Avenue, about 0.25 miles west of Franklin High School, and in the northeast end of the northwest abutment of the Lehigh Valley Railroad bridge over the Avenue; 30.0 feet northwest of the center line of the Avenue. A monel metal rivet, set 2.0 feet above the sidewalk.

Elevation: 83.527 ft.

RV 340 - METUCHEN, MIDDLESEX COUNTY. On the north side of Middlesex Avenue, and at the east end of a concrete culvert headwall; 80.0 feet southwest of the southwest end of the north abutment of the Lehigh Valley Railroad bridge over the Avenue, and 30.0 feet north of the center line of Middlesex Avenue. A monel metal rivet, set 2.0 feet below the crown of the Avenue.

Elevation: 83.476 ft.

END OF SPUR RUN FROM MON 216 TO RV 340

RV 341 - METUCHEN, MIDDLESEX COUNTY. On the east side of State Highway Route #27, and at the north end of the concrete abutment of the Pennsylvania Railroad bridge over the Highway; 25.0 feet east of the center line of the Highway. A monel metal rivet, set 4.0 feet above the crown of the Highway.

Elevation: 88.755 ft.

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RV 342 - METUCHEN, MIDDLESEX COUNTY. On the north side of State Highway Route #27, and in the east end of a concrete abutment wall of the Pennsylvania Railroad bridge over the Highway; 30.0 feet north of the center line of the Highway. A monel metal rivet, set 4.0 feet above the crown of the Highway.

Elevation: 91.233 ft.

RV 343 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, about 1.25 miles southwest of its intersection with Center Street in Metuchen, and on the northeast end of the southeast concrete culvert headwall; 25.0 feet southeast of the center line of the Highway, and 50.0 feet southwest of the center line of the driveway to Frank Dole Dog Farm. A monel metal rivet, set 1.0 feet below the crown of the Highway.

Elevation: 125.844 ft.

RV 344 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the northwest side of State Highway Route #27, about 1.75 miles southwest of its intersection with Center Street in Metuchen, and on the northeast end of the northwest concrete culvert headwall; 25.0 feet northwest of the center line of the Highway, and 100.0 feet northeast of the center line of the driveway to the Hotel Pines. A monel metal rivet.

Elevation: 105.297 ft.

MON 215 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, about 3.6 miles northeast of George and Albany Streets in New Brunswick, and in front of the Pine View Garage; 22.4 feet southeast of the center line of the Highway, 159.0 feet southwest of the prolonged center line of Talmadge Road, and 5.5 feet southwest of a nail in pole #1208. A standard U.S.C. & G.S. & S.S. disk, stamped "215", set in concrete 0.4 feet below the crown of the Highway.

Elevation: 104.531 ft.

MON 214 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the west corner of the intersection of State Highway Route #27 and Peterson Avenue, about 3.3 miles northeast of George and Albany Streets in New Brunswick, and on Mr. Elimeo's property; 23.30 feet northwest of the center line of the Highway, 26.50 feet southwest of the center line of the Avenue, 57.90 feet southeast of the east corner of the porch of Mr. Elimeo's house, and 6.16 feet southwest of pole #PS-2455-RT. A standard U.S.C. & G.S. & S.S. disk, stamped "214", set in concrete 0.08 feet below ground level.

Elevation: 120.016 ft.

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- RV 345 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, about 3.0 miles northeast of George and Albany Streets in New Brunswick, and at the northeast end of the concrete culvert headwall; 25.0 feet southeast of the center line of the Highway, and 600.0 feet northeast of Linwood Grove. A monel metal rivet.
Elevation: 111.298 ft.
- RV 346 - STELTON, MIDDLESEX COUNTY. On the southwest side of Plainfield Avenue, about 0.2 miles northwest of its intersection with State Highway Route #27, and in the step of the southeast side of the entrance to Stelton School. A monel metal rivet.
Elevation: 119.580 ft.
- RV 347 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the northwest side of State Highway Route #27, about 0.1 miles southwest of its intersection with Plainfield Avenue in Stelton, and on the east corner of the northeast concrete slab of a storm sewer catch basin; 30.0 feet northwest of the center line of the Highway. A monel metal rivet.
Elevation: 106.483 ft.
- RV 348 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the south corner of the intersection of State Highway Route #27 and Clark Avenue, about 0.5 miles southwest of its intersection with Plainfield Avenue in Stelton, and in the concrete sidewall southeast of the steps to the residence adjoining Suydam's Garage; 31.0 feet southeast of the center line of the Highway, and 30.0 feet southwest of the center line of the Avenue. A monel metal rivet.
Elevation: 119.316 ft.
- RV 349 - RARITAN TOWNSHIP, MIDDLESEX COUNTY. On the northwest side of State Highway Route #27, about 1.0 miles southwest of its intersection with Plainfield Avenue in Stelton, and in the southwest end of the concrete headwall of a culvert over Mill Brook; 28.0 feet northwest of the center line of the Highway. A monel metal rivet, set 3.0 feet below the crown of the Highway.
Elevation: 76.838 ft.

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MON 213-HIGHLAND PARK, MIDDLESEX COUNTY. On Raritan Avenue (State Highway Route #27) about 1.5 miles northeast of the intersection of George and Albany Streets in New Brunswick; 30.0 feet west of the center line of Highland Avenue; 19.1 feet north of the center line of Raritan Avenue; 65.5 feet east of the prolonged center line of South Eleventh Avenue; 57.5 feet southwest of the east corner of a Standard Oil Gasoline Station, and 54.0 feet southeast of the south corner of the same building. A standard U.S.C. & G.S. & S.S. disk, stamped "213", set in concrete 0.2 feet below the crown of the street.

Elevation: 102.369 ft.

MON 212-HIGHLAND PARK, MIDDLESEX COUNTY. On Raritan Avenue (State Highway Route #27) about 1.2 miles northeast of the intersection of George and Albany Streets, in New Brunswick, and 189.3 feet east of the center line of North Seventh Avenue; 118.9 feet west of the center line of North Eighth Avenue; 17.4 feet north of the center line of Raritan Avenue; 35.8 feet southwest of the southeast corner of the residence of Dr. N. S. McLeod (#729), and 36.3 feet south of the southwest corner of the same building. A standard U.S.C. & G.S. & S.S. disk, stamped "212", set in concrete 0.3 feet lower than the crown of the street.

Elevation: 98.599 ft.

RV 350 - HIGHLAND PARK, MIDDLESEX COUNTY. On Montgomery Street, set in granite step at the west side entrance of Franklin High School; about 45.0 feet north of the center line of Montgomery Street. A monel metal rivet.

Elevation: 86.193 ft.

DISK3351-HIGHLAND PARK, MIDDLESEX COUNTY. On the east side of North Third Avenue, in brick work at right of entrance to Hamilton School, about 2.0 feet above ground. A standard U.S.C. & G.S. & S.S. disk, stamped "3351-D", set vertically.

Elevation: 78.517 ft.

RV 352- HIGHLAND PARK, MIDDLESEX COUNTY. On State Highway Route #27 in retaining wall on south side of the highway; in west end of concrete retaining wall about 30.0 feet south of the center line of Route #27, and at the east entrance of Albany Street Bridge to New Brunswick, about 3.0 feet above the sidewalk. A monel metal rivet.

Elevation: 28.923 ft.

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SPUR RUN FROM RV 352 TO MARK 3333.

MARK 3333-HIGHLAND PARK, MIDDLESEX COUNTY. On State Highway Route #27, on the top of the concrete wall between the sidewalk and the roadway of the highway bridge over the Maritan River; 25 feet north of the center line of the highway, and approximately 100 feet northwest of Rv. 352. A standard U.S.C. & G.S. Reference Mark disk, stamped "2".
Elevation: 27.343 ft.

END OF SPUR RUN FROM RV 352 TO MARK 3333.

RV 354 - HIGHLAND PARK, MIDDLESEX COUNTY. On State Highway Route #8-28, in the sandstone abutment wall of the P.R.R. Bridge over the highway; 30.0 feet west of the center line of the highway and at the south end of the abutment about 4.0 feet above road level. A monel metal rivet.
Elevation: 26.778 ft.

RV 355 - HIGHLAND PARK, MIDDLESEX COUNTY. On west side of State Highway Route #8-28, approximately 0.75 miles from its intersection with State Highway Route #27; set in top of concrete headwall of a culvert, 20.0 feet west of the center line of Route #8-28, in the south end, about 158 feet north of H. L. P. pole #60635, and level with the center line of the road. A monel metal rivet.
Elevation: 15.697 ft.

RV 356 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On east side of State Highway Route #8-28, approximately 1.25 miles from its intersection with Route #27; set in concrete culvert 20.0 feet east of the center line of Route #8-28 at the north end and 35.0 feet south of pole #PS-5519-Pisc., about 2.0 feet below the level of the center line of the road. A monel metal rivet.
Elevation: 21.504 ft.

RV 221 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the east side of State Highway Route #8-28, approximately 1.7 miles from its intersection with State Highway Route #27; set in concrete headwall at the south end and on the east side of the highway; 12.0 feet east of the center line of Route #8-28 and 50.0 feet north of the center line of turnpike to Hadley Airport. A monel metal rivet.
Elevation: 19.517 ft.

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SPUR RUN FROM RV 221 TO RV 220.

RV 220 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On Landing Lane in granite pier of bridge over Raritan River, approximately 1.95 miles from intersection of State Highway Routes #8-28 and #27 to junction of Landing Lane with Route #8-28; thence 0.2 miles southwest on Landing Lane; set in south-east bridge seat of northeast pier, about 3.0 feet below the level of bridge. A monel metal rivet.

Elevation: 16.374 ft.

END OF SPUR RUN FROM RV 221 TO RV 220.

MON 210 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On north side of State Highway Route #8-28, approximately 0.25 miles north-west on the highway from its intersection with Landing Lane; 13.5 feet north of the center line of the highway; 4.85 feet north of the north edge of the pavement; 90.8 feet southwest of the southwest corner of the Landing Farms Company's two story frame house; 85.05 feet north of pole #59212; 78.05 feet northwest of pole #59210; 41.5 feet north of west end of guard fence on south side of road; and 87.6 feet northwest of west side of nearest opening in this fence. A standard U.S.C. & G.S. & S.S. disk, stamped "210", set in concrete 0.2 feet below ground and 0.55 feet below the center line of the road.

Elevation: 15.401 ft.

MON 211 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On south side of State Highway Route #8-28, approximately 0.5 miles north on the highway from its intersection with Landing Lane; 42.92 feet south of the center line of the road; 34.07 feet south of the south edge of the pavement; 57.76 feet northeast of the northeast corner of the two story frame house (not porch) of John T. Keefe; 4.0 feet north of the front hedge; 24.24 feet northwest of pole #PS-59238, and 58.27 feet south of pole #PY-831. A standard U.S.C. & G.S. & S.S. disk, stamped "211", set in concrete 1.0 feet below the ground and 1.35 feet below the center line of the road.

Elevation: 23.625 ft.

RV 222 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On south side of State Highway Route #8-28, approximately 1.05 miles north-west on the highway from its intersection with Landing Lane; in the center of headwall of culvert marked #27-217, about 15.0 feet south of the center line of the highway and about 20.0 feet east of pole #PS-5138-PC. A monel metal rivet.

Elevation: 49.772 ft.

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RV 223 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On north side of State Highway Route #8-28, about 1.25 miles northwest from its intersection with Landing Lane; set in headwall of culvert marked #20-218, about 23.0 feet north of the center line of the highway. A monel metal rivet.
Elevation: 45.856 ft.

RV 224 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On north side of State Highway Route #8-28, about 1.8 miles northwest from its intersection with Landing Lane; set in bridge culvert #20-219, about 15.0 feet north of the center line of the highway, about 38.0 feet west of the east end of the retaining wall, and about 2.9 feet above the center line of the highway. A monel metal rivet.
Elevation: 22.638 ft.

RV 1300 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On northeast side of State Highway Route #8-28, at front entrance of Holmes Marshall Public School, in the southwest corner of door sill. A monel metal rivet.
Elevation: 32.774 ft.

SPUR RUN FROM RV 1300 TO TRIANGULATION STATION "MARSHALL"

MARSHALL - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On top of highest hill in immediate vicinity, approximately 0.3 miles east of Holmes Marshall Public School; about 141 feet south of power line pole #60748 (marked with a white "X"); 123 feet south of the road leading east from the school past the station; 140 feet northeast of a lone cedar tree (only tree on hill), and 10 feet south-southwest of a guy pole used to brace pole #60748. A standard U.S.C. & G.S. Triangulation disk, stamped "MARSHALL-1933", set in concrete, extending 8 inches above ground.
Elevation: 80.842 ft.

END OF SPUR RUN FROM RV 1300 TO TRIANGULATION STATION "MARSHALL".

RV 1301 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On east side of State Highway Route #8-28, 3.33 miles south of its intersection with State Highway Route #28; set in north end of a concrete culvert marked #20-221. A monel metal rivet.
Elevation: 32.189 ft.

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Mon. 1300 - PISCATAWAY TOWNSHIP, MIDDLESEX CO. On the northeast side of River Road, about 2.35 miles northwest from its intersection with Landing Lane, and just northwest of culvert marked #20-221; 51.66 ft. northwest of a monel metal rivet in culvert #20-221, 72.5 ft. east of pole #PS-5384-PC, 19.0 ft. northwest of the center line of driveway to property of Karl F. Jones, and 11.0 ft. north-east of the center line of River Road. A standard U.S.C. & G.S.&S.S. disk, stamped "1300" set in concrete 0.2 ft. below the ground.

Elevation: 31.619 ft.

Mon. 1301 - PISCATAWAY TOWNSHIP, MIDDLESEX CO. On the northeast side of River Road, 2.6 miles northwest from its intersection with Landing Lane; 28 ft. south of center line of C. D. Perrine's driveway, 21 ft. northeast of the center line of River Road, 12 ft. northeast of edge of concrete, and 54.6 ft. northeast of pole #PS-5439-PC. A standard U.S.C. & G.S.&S.S. disk, stamped "1301" set in concrete 0.2 ft. above the center line of the road.

Elevation: 36.167 ft.

Rv. 1303 - PISCATAWAY TOWNSHIP, MIDDLESEX CO. On the east side of River Road, 2.84 miles south from its intersection with State Highway Route #28, in center of east wall of culvert #20-223, about 126 ft. south of junction of River Road with Plainfield Ave., and about 2.3 ft. above ground level. A monel metal rivet.

Elevation: 32.799 ft.

Rv. 1304 - PISCATAWAY TOWNSHIP, MIDDLESEX CO. On the east side of River Road, 2.26 miles south from its intersection with State Highway Route #28, in north end of culvert parapet, 1.1 ft. from the west edge of parapet, and 0.6 ft. above ground level. A monel metal rivet.

Elevation: 30.365 ft.

Rv. 1302 - PISCATAWAY TOWNSHIP, MIDDLESEX CO. On the west side of Route 283; 3.1 miles from the intersection with N.J. State Highway; southeast of the south end of Marconi Wireless Station, in south west corner of concrete catch basin head; 1.0 ft. from the south edge of concrete at ground level, a monel metal rivet.

Elevation: 34.327 ft.

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RV 1305 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the west side of State Highway Route #8-28, about 1.68 miles south of its intersection with State Highway Route #28, in East Bound Brook, directly opposite private road to P. Boix; approximately 15 feet from west edge of road concrete, and in top of a 4-inch square stone property monument. A monel metal rivet.

Elevation: 41.590 ft.

RV 1306 - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the west side of State Highway Route #8-28, about 1.48 miles south of its intersection with State Highway Route #28, in East Bound Brook, directly west of the south antennae tower of radio station W J Z; 90.0 feet west of the center line of State Highway Route #8-28, on northeast corner of a blue-stone wellhead in the grounds of J. A. Smith, and about 0.4 feet from the corner of wellhead and 0.8 feet above ground level. A monel metal rivet.

Elevation: 47.136 ft.

MON 1302-PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the west side of State Highway Route #8-28, about 1.3 miles south of its junction with State Highway Route #28, in East Bound Brook, and opposite driveway about 700 feet south of radio station W J Z; 23.0 feet west of the center line of the Highway, 14.0 feet west of the edge of the pavement, 49.0 feet south east of pole #PS-131-PC, and 50.0 feet southwest of pole #BT-59-PY. A standard U.S.C. & G.S. & S.S. disk, stamped "1302", set in concrete 3.0 feet above crown of the road.

Elevation: 42.030 ft.

MON 1303-PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the east side of State Highway Route #8-28, about 1.0 miles south of its junction with State Highway Route #28 in East Bound Brook; 12.7 feet east of the center line of the Highway, 2.7 feet east of the edge of the pavement, 52.0 feet northwest of pole #1185, 92.0 feet southwest of pole #1184-PY, and 15.0 feet north of Middlesex County culvert #2-C-228. A standard U.S.C. & G.S. & S.S. disk, stamped "1303", set in concrete 0.2 feet below ground level.

Elevation: 29.672 ft.

RV 1307-PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY. On the west side of State Highway Route #8-28, about 0.8 miles south of its junction with State Highway Route #28 in East Bound Brook, in the north end of the door sill of the Bakelite Company's Pump House. A monel metal rivet.

Elevation: 31.363 ft.

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RV 1308 - EAST BOUND BROOK, MIDDLESEX COUNTY. On the south side of State Highway Route #8-28, and in the east end of the south abutment of the overpass of the South Bound Brook Branch of the Pennsylvania and Reading Railroad over the Highway; 5.0 feet west of pole #BT-9-MSE. A monel metal rivet.
Elevation: 26.553 ft.

SPUR RUN FROM RV 1308 TO RV 1736

RV 1736 - BOUND BROOK, SOMERSET COUNTY. On the north side of Main Street, about 0.5 miles east of the Raritan River, and on the southwest corner of the base of the northwest light standard of the bridge over Green Brook; 30.0 feet north of the center line of the Street, and 900.0 feet west of the center line of State Highway Route #8-28. A monel metal rivet.
Elevation: 30.352 ft.

END OF SPUR RUN FROM RV 1308 TO RV 1736

RV 1309 - MIDDLESEX BOROUGH, MIDDLESEX COUNTY. On the east side of Raritan Avenue, just south of its intersection with Union Avenue, and in the east spandrel beam of the concrete bridge over Green Brook; 7.0 feet south of the north end of the beam. A monel metal rivet.
Elevation: 29.702 ft.

XIII - BOUND BROOK, SOMERSET COUNTY. At the road bridge over the Raritan River and Canal and on the west end of the north abutment. The bottom of a chiseled square flanked by the letters "B.M." cut in the stone, U.S.C. & G.S.-B.M.
Elevation: 10.901 meters or 35.764'

TIE RUN IN METUCHEN, MIDDLESEX CO. TO N.J. GEOLOGICAL SURVEY B.M.

MK 429 - METUCHEN, MIDDLESEX CO. A cross cut in the stone base of the fluted pilaster, west side of the front or Middlesex Avenue entrance to the high school.
Elevation: 91.534 ft.

MK 430 - METUCHEN, MIDDLESEX CO. A cross cut on the lowest step of the north abutment of bridge carrying Lehigh Valley Railroad switch over Middlesex Avenue. It is a large cross and is marked B.M.
Elevation: 82.390 ft.

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DESCRIPTION OF BENCH MARKS

MID-C. C1. C2. C3

STARTING AT PISCATAWAY TOWNSHIP, MIDDLESEX CO. ABOUT 1.7 MILES NORTHWEST OF NEW BRUNSWICK. THENCE RUNNING SOUTHWESTERLY ALONG STATE HIGHWAY RTE. #27 TO FRANKLIN PARK, THENCE SOUTHEASTERLY ALONG CO. RTE. #4-R-7 TO ROUTE #26, THENCE SOUTHWESTERLY ALONG STATE HIGHWAY ROUTE #28 TO MONMOUTH JUNCTION-SAND HILLS ROAD, SOUTH BRUNSWICK. MIDDLESEX CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U. S. COAST & GEODETIC SURVEY.

- RV 221 - PISCATAWAY TWP, MIDDLESEX CO. On the east side of State Highway Route #8-26, about 1.7 miles from its intersection with State Highway Route #27, set in concrete head-wall at the south end and on the east side of the highway; 12.0 ft. east of the center line of Route #8-26 and 50.0 ft. north of the centerline of Turnpike to Hadley Airport. A monel metal rivet.
Elevation: 19.617 ft.
- RV 220 - PISCATAWAY TWP, MIDDLESEX CO. On Landing Lane in granite pier of bridge over the Raritan River, about 1.95 miles from the intersection of State Highway Routes #8-28 and 27 northwest to junction of Landing Lane with Rte. #8-28; thence 0.2 miles southwest on Landing Lane; set in southeast bridge seat of northeast pier, about 3.0 ft. below the level of the bridge. A monel metal rivet.
Elevation: 16.374 ft.
- RV 219 - NEW BRINSWICK. MIDDLESEX CO. On the north side of George St, at its intersection with College Ave, opposite Memorial Monument in an exit from Buccleuch Park, about 0.74 miles west on George St. from the east side of Queens Bldg. at Rutgers University, set in a stone culvert. 31.25 ft. east of pole #PS-80018-NBK; 75.25 ft. northeast of lower northwest corner of bronze plate set in Memorial Monument; and about 0.6 ft. east of west edge of second left of stone culvert. A monel metal rivet, set 1.1 ft. below top of culvert.
Elevation: 25.266 ft.
- RUTGERS- NEW BRUNSWICK, MIDDLESEX CO. On the north side of George St., and just west of its intersection with Bishop Place, near the highest point of the bluff overlooking the Raritan River; 89.0 ft. north of the centerline of George St.; 159.0 ft. west of the projection of the centerline of Bishop Place. A standard U.S.C.&G.S. Triangulation Station disk, stamped "RUTGERS-1933", set in concrete, and projecting 0.1 above ground.
Elevation: 64.195 ft.

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- RV 218 - NEW BRUNSWICK, MIDDLESEX COUNTY. On north side of Somerset Street about 0.43 miles west from Queens Monument in front of Queens Building, Rutgers University, at the center entrance of St. Landislos Parochial School; about 185 feet west of the center line of High Street, about 58 feet north of the center line of Somerset Street, and 1.5 feet above the sidewalk of the school. A monel metal rivet.
Elevation: 92.708 ft.
- RV 217 - NEW BRUNSWICK, MIDDLESEX COUNTY. On north side of Somerset Street about 1 mile west from Queens Monument in front of Queens Building, Rutgers University, in the northwest wing-wall of One Mile Run Bridge under Somerset Street; 0.85 feet south of the north edge of the bridge and 0.50 feet east of the west edge of the wingwall. A monel metal rivet.
Elevation: 48.552ft.
- MON 209 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. Approximately 1.1 miles southwest from George and Albany Streets, New Brunswick, on the northeast corner of the intersection of Somerset and Cossett Streets; 23.9 feet north of the center line of Somerset Street, 24.3 feet east of the center line of Cossett Street, 7.5 feet south of the west end of a 3.0 feet high brick wall, and 30.4 feet southwest from the southwest corner of a two-story frame dwelling owned by Stella Bacyk. A standard U.S.C. & G.S. & S.S. disk, stamped "209", set in concrete 0.3 feet below ground.
Elevation: 74.454 ft.
- RV 216 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the south side of State Highway Route #27 (Lincoln Highway), approximately 1.1 miles west of the Queens Building, Rutgers University, on the southeast end of a concrete porch of Superintendent's office in St. Peters Cemetery; 0.40 feet from southeast edge of the porch and 1.15 feet from southeast corner. A monel metal rivet.
Elevation: 76.406 ft.
- MON 208 - NEW BRUNSWICK, MIDDLESEX COUNTY. Approximately 1.5 miles southwest from George and Albany Streets, New Brunswick, on the southwest corner of the intersection of State Highway Route #27 (Lincoln Highway) and Mitchell Avenue; 27.4 feet south of the center line of the Highway, 32.3 feet west of the center line of Mitchell Avenue, and 3.2 feet west of a fire hydrant at the southwest corner of the intersection. A standard U.S.C. & G.S. & S.S. disk, stamped "208", set in concrete 1.0 feet lower than the center line of the highway at this point and flush with the ground.
Elevation: 69.768 ft.

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- RV 215 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the south side of State Highway Route #27 about 1.65 miles west from George and Albany Streets, in concrete headwall; 1.15 feet west of east edge of the headwall, 0.55 feet north of south edge of the headwall, 20.30 feet south of the center line of the Highway, 53.85 feet west of tie point in telephone pole, and 33.0 feet east of pole #PS-448. A monel metal rivet.
Elevation: 88.304 ft.
- RV 214 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. At the northeast corner of the intersection of State Highway Route #27 and Maritan Landing Road, in an "L" shaped headwall; 0.5 feet north of the south edge of the headwall, 1.8 feet east of the west edge of the headwall, 21.0 feet north of the center line of State Highway Route #27, and 25.0 feet east of the center line of Maritan Landing Road. A monel metal rivet, about 1.0 feet above the ground.
Elevation: 110.125 ft.
- RV 213 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of State Highway Route #27, about 3.5 miles west from George and Albany Streets, New Brunswick, in the east end of the north retaining wall of a culvert; 0.1 feet north of the south edge of the retaining wall, 0.2 feet west of the east end of the retaining wall, and 9.1 feet west of pole #PS-631-FLN. A monel metal rivet.
Elevation: 97.959 ft.
- RV 212 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. At southwest corner of the intersection of State Highway Route #27 and Howe's Lane (Livingston Park, concrete road), in a concrete headwall, about 0.5 miles west of a grade crossing on the Highway of the Millstone Branch of the P.R.R., and about 2.95 miles west from George and Albany Streets, New Brunswick; 0.53 feet west of the east edge of the headwall, 0.7 feet north of the south edge of the headwall, and 19.12 feet west of the center line of Howe's Lane. A monel metal rivet.
Elevation: 120.472 ft.
- RV 211 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south side of State Highway Route #27, 0.7 miles west of grade crossing of the Highway of the Millstone Branch of the P.R.R., 3.11 miles west of George and Albany Streets, New Brunswick, in the northwest corner of concrete door sill of Lincoln Hatchery Building; 0.30 feet south of north edge of the sill, 0.35 feet east of the west edge of the sill, and 800 feet west of the intersection of the Highway and Howe's Lane. A monel metal rivet.
Elevation: 126.900ft.

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MON 207-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #27, 3.0 miles southwest from George and Albany Streets, New Brunswick, at a point near and on the opposite side of the road from the Lincoln Hatchery (a two story stucco building); 24.10 feet northwest of the center line of the highway, 97.58 feet northwest of the west corner of Lincoln Hatchery, 39.54 feet southwest of a nail in electric pole #559, 57.58 feet northwest of a nail in telephone pole #1458, and 80.81 feet north of telephone pole #1459. A standard U.S.C. & G.S. & S.S. disk, stamped "207", set in concrete flush with the ground.

Elevation: 123.452 ft.

MON 208-NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, 3.4 miles southwest from George and Albany Streets, New Brunswick, at a point just southwest of the intersection of the Highway and Second Street (dirt road); 24.5 feet southeast of the center line of the Highway, 119.60 feet southwest of the center line of Second Street, 79.65 feet west of the west corner of the one story frame house (not porch) of Cohen and Arle, 69.17 feet northeast of a nail in telephone pole #1476, 36.40 feet southwest of a nail in telephone pole #1475, and 52.60 feet southeast of a nail in electric pole #2740. A standard U.S.C. & G.S. & S.S. disk, stamped "208", set in concrete flush with the ground.

Elevation: 127.101 ft.

RV 210-NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south side of State Highway Route #27, in the west headwall of a culvert for a driveway to the property of Steve Santos, about 3.85 miles west of George and Albany Streets, New Brunswick; 0.56 feet west of east edge of the headwall, 0.81 feet north of south edge of the headwall, and 22.57 feet from a spike in pole #1485. A monel metal rivet.

Elevation: 126.139 ft.

RV 209-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of State Highway Route #27, in the west headwall of a culvert for a driveway to the property of Matthew Guydam, about 4.3 miles west from George and Albany Streets, New Brunswick; 0.17 feet east of the west edge of the headwall, 0.40 feet south of the north edge of the headwall, and 11.70 feet southeast of a tack in pole #PS-576-FLN. A monel metal rivet.

Elevation: 113.872 ft.

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- RV 208 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south side of State Highway Route #27, in the east end of retaining wall at Six Mile Run, about 4.8 miles west from George and Albany Streets, New Brunswick; 0.59 feet west of the east edge of the retaining wall and 0.25 feet south of the north edge of the retaining wall. A monel metal rivet.
Elevation: 84.978 ft.
- MON 205 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southeast side of State Highway Route #27, at a point just southwest of the entrance to Elm Ridge Cemetery, about 4.8 miles southwest from George and Albany Streets, New Brunswick; 35.90 feet southeast of the center line of the Highway, 5.50 feet northwest of the front iron fence of the cemetery, 71.73 feet southwest of the north corner of the southwest post at the entrance to the cemetery, 89.90 feet northeast from a nail in telephone pole #1558, 43.05 feet southwest of a nail in telephone #1555, and 71.30 feet southeast of a nail in electric pole #811. A standard U.S.C. & G.S. & S.S. disk, stamped "205", set in concrete 0.1 feet above ground level.
Elevation: 100.380 ft.
- MON 204 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #27, at a point just southwest of its intersection with Blackwell's Mills Road, 5.2 miles southwest from George and Albany Streets, New Brunswick; 25.0 feet northwest of the center line of the Highway, 107.0 feet southwest of the center line of Blackwell's Mills Road, 31.60 feet northeast of a nail in pole #PS-827-FLN, 90.65 feet southwest of a nail in pole #826, and 73.80 feet north of telephone pole #1374. A standard U.S.C. & G.S. & S.S. disk, stamped "204", set in concrete flush with the ground.
Elevation: 119.564 ft.
- RV 207 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of State Highway Route #27, about 1000 feet west of Cortelyou's Lane, 5.35 miles west from George and Albany Streets, New Brunswick, set in the east headwall of a culvert under driveway to the property of Mrs. J. H. Garretson; 0.40 feet north of the south edge of the headwall, 0.48 feet east of the west edge of the headwall, 12.75 feet west of pole #PS-829-FLN. A monel metal rivet.
Elevation: 121.352 ft.

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- RV 206 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of State Highway Route #27, in the east headwall of a culvert under a driveway to the property of Conrad Iekie, 5.9 miles west from George and Albany Streets, New Brunswick; 0.65 feet east of the west edge of the headwall, 0.40 feet south of the north edge of the headwall, and 19.50 feet north of the center line of the Highway. A monel metal rivet.
Elevation: 127.793 ft.
- RV 205 - FRANKLIN PARK, SOMERSET COUNTY. On the north side of State Highway Route #27, 182 feet west of its intersection with Franklin Park Road, on the lowest step of front entrance to the Delicatessen Store; 38.5 feet north of the center line of the Highway, 30.60 feet east of pole #1837, 0.43 feet east of the west edge of the step, and 2.70 feet south of the north edge of the step. A monel metal rivet.
Elevation: 134.023 ft.
- MON 203 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. In Franklin Park, on the southeast side of State Highway Route #27, at a point on the opposite side of the road from the midway point between the Franklin Grill and a general store of A. Varga; 22.08 feet southeast of the center line of the Highway, 85.72 feet southeast of the south corner of the Franklin Grill, 97.33 feet south of the east corner of the general store, 18.15 feet west of a nail in electric pole #PS-2-SBW, and 65.03 feet south of telephone pole #637. A standard U.S.C. & G.S. & S.S. disk, stamped "203", set in concrete 0.3 feet below the surface of the ground.
Elevation: 131.779 ft.
- MON 202 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #27, about 1800 feet northeast from its intersection with an old road leading to U.S.C. & G.S. Triangulation Station "DEANS", 0.2 miles west of Franklin Park; 27.80 feet northwest of the center line of the Highway, 18.88 feet west of a nail in telephone pole #1650, 89.60 feet north of a nail in electric pole #PS-14-SBW, 69.33 feet northwest of a nail in electric pole #PS-13-SBW. A standard U.S.C. & G.S. & S.S. disk, stamped "202", set in concrete flush with the ground.
Elevation: 137.312 ft.
- RV 204 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south side of State Highway Route #27, about 0.8 miles west from Franklin Park, in the northeast corner of a concrete step of the Imperial Tea Room; 0.25 feet south of the north edge of the step, 0.25 feet west of the east edge of the step, and 41.10 feet southwest of the pole #PS-21-SBW. A monel metal rivet.
Elevation: 146.966 ft.

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- RV 225 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the east side of the First Sand Hills Road, about 0.55 miles south of its junction with State Highway Route #27 which is about 0.6 miles southwest of Franklin Park, and in the northeast corner of the concrete floor of the front porch of Betza's farm house. A monel metal rivet.
Elevation: 167.378 ft.
- DEANS - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south side of the First Sand Hills Road, about 1.25 miles south of its junction with State Highway Route #27 which is about 0.6 miles southwest of Franklin Park; 26.0 feet south of the center line of the Road, 37.0 feet south of a blaze on an Oak tree, and 43.0 feet north of a gravel pit. A standard U.S.C. & G.S. Triangulation disk, stamped "DEANS", set in concrete.
Elevation: 230.236 ft.
- MON 3122-SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of State Highway Route #26, about 1.5 miles north-east of Sand Hills; 16.30 feet southeast of a cross cut in concrete slab #416, 26.85 feet east of pole #60361-SB, and 114.60 feet southwest of pole #60360-SB. A standard U.S.C. & G.S. & S.S. disk, stamped "3122", set in concrete flush with the ground.
Elevation: 158.327 ft.
- MON 3121-SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of State Highway Route #26, about 1.2 miles north-east of Sand Hills; 18.37 feet southeast of a cross cut in concrete slab #393, 17.35 feet southwest of pole #60374-SB, and 111.20 feet east of pole #60375-SB. A standard U.S.C. & G.S. & S.S. disk, stamped "3121", set in concrete flush with the ground.
Elevation: 169.067 ft.
- RV 265 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of State Highway Route #26, about 0.5 miles north-east of Sand Hills, in the center of a concrete culvert headwall; 49.1 feet southeast of the center line of the Highway, 104.0 feet southwest of pole #60389-SB, and 32.7 feet northeast of pole #60390-SB. A monel metal rivet, set 6.0 feet below the level of the crown of the Highway.
Elevation: 214.638 ft.

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- RV 264 - SAND HILLS, MIDDLESEX CO. On the southeast side of State Highway Route #26, set in the concrete curb near Jack's Garage (Francis Baker, Proprietor); 25.5 ft. southeast of the centerline of the Highway; 7.7 ft. north of pole #60409-SB; 1.0 ft. northeast of a catch basin; 62.4 ft. northeast of the northeast corner of the Garage, and 110.4 ft. west of pole #60408-SB. A monel metal rivet.
Elevation: 236.822 ft.
- RV 263 - SOUTH BRUNSWICK TWP, MIDDLESEX CO. On the southeast side of State Highway Route #26, about 0.3 miles southwest of Sand Hills, and set in the center of the concrete culvert headwall (488); 46.0 ft. southeast of the centerline of the Highway; 58.5 ft. east of pole #BT-174-SBT; and 68.2 ft. west of pole #BT-175-SBT. A monel metal rivet.
Elevation: 193.699 ft.
- RV 228 - SOUTH BRUNSWICK TWP, MIDDLESEX CO. On the southwest corner of the intersection of State Highway Route #26 and the Monmouth Junction-Sand Hills and Ten Mile Run Road, about 1.0 miles southwest of Sand Hills, and in the center of an L shaped culvert headwall. 25.0 ft. east of pole #PS-60495-SB. A monel metal rivet.
Elevation: 197.321 ft.

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STARTING IN OLD BRIDGE, MIDDLESEX CO., NEAR THE PENNSYLVANIA RR. STATION, THENCE NORTHWESTERLY ALONG STATE HIGHWAY ROUTE 9-28 THROUGH SOUTH RIVER AND NEW BRUNSWICK TO THE INTERSECTION OF SOMERSET AND COSSETT STS. IN FRANKLIN TOWNSHIP, SOMERSET CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL: BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U. S. COAST AND GEODETIC SURVEY.

58 (P.R.R.) - OLD BRIDGE, MIDDLESEX CO. On the Trenton Division of the Pennsylvania Railroad, 200 yards east of the station, at the southeast corner of the pump house. A square cut in the masonry foundation, A U.S.C. & G.S.-B. M.
Elevation: 3.453 meters or 11.329 ft.

7.54 (N.J.G.S.) - OLD BRIDGE, MIDDLESEX COUNTY. On the Trenton Division of the Pennsylvania Railroad, about 200 yards east of the station, at the railroad bridge over the creek, in the top of the northwest end of the south abutment. A cross cut in the masonry, A U.S.C. & G.S. B. M.
Elevation: 2.307 meters or 7.569 ft.

RV 244 EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 0.4 miles northwest of the traffic circle in Old Bridge, and on top of the southwest wingwall of a concrete culvert; 33.0 ft. southwest of the center line of the Highway, 6.15 ft. west of the west corner of a concrete light pole, and 1.00 ft. southeast of the northwest end of the wingwall. A monel metal rivet.
Elevation: 55.776 ft.

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- MON 3108-EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 1.1 miles northwest of the traffic circle in Old Bridge, and opposite Skedington's Service Station; 86.7 feet northwest of pole #1491-EBW, 88.0 feet southeast of pole #60528, and 86.6 feet south of pole #60521-EBW. A standard U.S.C. & G.S. & S.S. disk, stamped "3108", set in concrete.
Elevation: 158.766 ft.
- RV 243 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 1.2 miles northwest of the traffic circle in Old Bridge, and in the center of the concrete culvert headwall; 36.35 feet southwest of the center line of the Highway, 106.30 feet southeast of pole #PS-1487-EBW, and 144.00 feet northwest of pole #PS-1486-EBW. A monel metal rivet.
Elevation: 158.833 ft.
- MON 3107-EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 1.35 miles northwest of the traffic circle in Old Bridge, and opposite Otto Chareoussin's Service Station; 17.40 feet southwest of the edge of the pavement, 152.45 feet west of pole #PS-1490-EBW, and 167.40 feet southwest of the west corner of the Service Station building. A standard U.S.C. & G.S. & S.S. disk, stamped "3107", set in concrete.
Elevation: 155.575 ft.
- RV 242 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 1.63 miles northwest of the traffic circle in Old Bridge, and in the center of a concrete culvert headwall; 35.6 feet southwest of the center line of the Highway. A monel metal rivet.
Elevation: 152.557 ft.
- RV 241 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 2.33 miles northwest of the traffic circle in Old Bridge, and in the center of a concrete culvert headwall; 37.0 feet southwest of the center line of the Highway. A monel metal rivet.
Elevation: 132.981 ft.
- MON 3106-EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the northwest corner of the intersection of State Highway Route #8-28 and the South River-Milltown Road, about 2.78 miles northwest of the traffic circle in Old Bridge; 71.60 feet southeast of the southeast corner of L. Knof's house, 96.50 feet southeast of the northeast corner of the same house, and 26.75 feet east of pole #PS-384-EBW. A standard U.S.C. & G.S. & S.S. disk, stamped "3106", set in concrete flush with the ground.
Elevation: 104.533 ft.

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SPUR RUN FROM MON 3106 TO MON 3105

MON 3105 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the north side of the Milltown-South River Road, about 0.25 miles west of its intersection with State Highway Route #8-28, which is about 2.7 miles northwest of the traffic circle in Old Bridge, and on George Smith's property; 16.70 feet north of the center line of the Road, 84.95 feet southeast of the northeast corner of Smith's house, 8.39 feet northeast of a drill hole and cross cut in the pavement, and 9.58 feet northwest of a drill hole and cross cut in the pavement. A standard U.S.C. & G.S. & S.S. disk, stamped "3105", set in concrete flush with the ground.

Elevation: 55.060 ft.

END OF SPUR RUN FROM MON 3106 TO MON 3105

RV 240 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 2.95 miles northwest of the traffic circle in Old Bridge, and in the center of the top of the southwest wingwall of the bridge over the Raritan River Railroad. A monel metal rivet.

Elevation: 120.369 ft.

RV 239 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 3.35 miles northwest of the traffic circle in Old Bridge, and in the center of the top of a concrete culvert headwall; 35.0 feet southwest of the center line of the Highway, and 68.5 feet southeast of pole #PS-1493-ESW. A monel metal rivet.

Elevation: 91.807 ft.

RV 238 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 3.93 miles northwest of the traffic circle in Old Bridge, and in the center of the top of the flange of the balustrade of a Highway bridge; 25.5 feet southwest of the center line of the Highway. A monel metal rivet.

Elevation: 92.236 ft.

RV 237 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the northeast side of State Highway Route #8-28, about 1.6 miles southeast of its intersection with State Highway Route #25 in New Brunswick, and in the center of the top of a concrete culvert headwall; 43.1 feet northeast of the center line of the Highway, 81.4 feet south of the southwest corner of the Gulf Row Garage, and 84.5 feet east of pole #L-408-E-80134-EB-142. A monel metal rivet.

Elevation: 86.222 ft.

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SPUR RUN FROM RV 237 TO TRIANGULATION STATION MAX

MON 3136-SOUTH RIVER, MIDDLESEX COUNTY. On the northeast side of the Old Bridge-New Brunswick Turnpike, about 2.5 miles southeast of the traffic circle at the intersection of State Highway Routes #8-28 and #25 in New Brunswick; 5.43 feet northwest of a tree, 6.72 feet southeast of a tree, and 48.42 feet north of pole #90001-EBW. A standard U.S.C. & G.S. & S.S. disk, stamped "3136", set in concrete flush with the ground.

Elevation: 104.034 ft.

MAX - SOUTH RIVER, MIDDLESEX COUNTY. On the highest hill in the vicinity, about 100 yards east of the Old Bridge-New Brunswick Turnpike, at a point about 300 yards north of Prospect Street; 20.0 meters south of the bluff overlooking the National Fireproofing Company's Plant, and 14.9 meters south of the center line of a small foot-path. A standard U.S.C. & G.S. Triangulation Station disk, stamped "MAX", set in concrete.

Elevation: 110.192 ft.

END OF THE SPUR RUN FROM RV 237 TO TRIANGULATION STATION MAX

MON 3104-EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of State Highway Route #8-28, about 1.6 miles southeast of its intersection with State Highway Route #25 in New Brunswick, opposite the Gulf Row Garage, and just northwest of the Raritan River R.R. crossing; 20.06 feet southwest of a chiseled cross on the southwest edge of the pavement slab (#508), 18.65 feet north of pole #L-409-E-60134-EB, and 9.30 feet southeast of an unnumbered pole. A standard U.S.C. & G.S. & S.S. disk, stamped "3104", set in concrete.

Elevation: 88.184 ft.

MON 3103-EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the northeast side of State Highway Route #8-28, about 1.3 miles southeast of its intersection with State Highway Route #25 in New Brunswick, and just northwest of a dirt side road; 26.20 feet northeast of the center line of the Highway, 5.78 feet northeast of a chiseled cross on the concrete curb, 28.20 feet south of guy pole #60450-EB, and 111.80 feet northwest of an unnumbered telephone pole. A standard U.S.C. & G.S. & S.S. disk, stamped "3103", set in concrete.

Elevation: 72.670 ft.

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- RV 236 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the north-east side of State Highway Route #3-28, about 1.03 miles southeast of its intersection with State Highway Route #25 in New Brunswick, and in the center of the top of a concrete culvert headwall; 36.3 feet northeast of the center line of the Highway, 76.0 feet east of pole #PS-60178-EB-116, and 12.0 feet north of an unnumbered pole. A monel metal rivet.
Elevation: 67.559 ft.
- RV 236 - EAST BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the west side of State Highway Route #3-28, about 0.25 miles southeast of its intersection with State Highway Route #25 in New Brunswick, and on top of the south end of the concrete balustrade of a bridge over Lawrence Brook; 40.0 feet west of the center line of the Highway, and 46.5 feet south of a light pole. A monel metal rivet.
Elevation: 46.011 ft.
- MON 3102-NEW BRUNSWICK, MIDDLESEX COUNTY. In the center of the traffic circle at the intersection of State Highway Routes #3-28 and #25; 81.40 feet northwest of a cross out in a catch basin, 111.75 feet east of a cross out in another catch basin, 224.82 feet northeast of a cross out in another catch basin, and 110.16 feet northeast of pole #90040-NBK. A standard U.S.C. & G.S. & S.S. disk, stamped "3102", set in concrete flush with the ground.
Elevation: 64.366 ft.
- RV 234 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the southwest side of State Highway Route #3-28, about 0.45 miles northwest of its intersection with State Highway Route #25, and on the concrete curb supporting a catch basin; 25.4 feet southwest of the center line of the Highway, 37.9 feet northwest of pole #90024-NBK, and 67.0 feet southeast of pole #90023-NBK-L-847-G. A monel metal rivet.
Elevation: 94.267 ft.
- RV 233 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the southeast side of State Highway Route #3-28, about 0.95 miles northwest of its intersection with State Highway Route #25, and on top of the south end of the retaining wall around the athletic grounds of the New Jersey College for Women; 30.2 feet southeast of the center line of the Highway, 8.2 feet south-east of the concrete curb, 125.0 feet southeast of pole #L-52-H-60626-NBK, 128.5 feet northeast of pole #L-1201-F-60628-NBK, and 151.0 feet northeast of the center line of the entrance to the athletic grounds. A monel metal rivet.
Elevation: 79.119 ft.

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- RV 232 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the southeast side of Nichol Avenue, and on the west corner of the front door sill of the entrance to the greenhouses of the New Jersey Agricultural College at #58 Nichol Avenue; 92.0 feet southeast of the center line of the Avenue, 28.7 feet northeast of the west corner of the building, 82.3 feet southwest of pole #60049-NBK, and 123.5 feet northeast of the center line of Seaman Street. A monel metal rivet.
Elevation: 104.933 ft.
- RV 231 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the southeast side of Codwise Avenue, and on the east corner of the driveway curb at #91 Codwise Avenue; 52.5 feet southeast of the center line of the Avenue, 13.2 feet southeast of the concrete curb, 10.1 feet west of the northwest corner of a fire house, and 24.7 feet west of pole #61659-NBK. A monel metal rivet.
Elevation: 86.943 ft.
- RV 216 - NEW BRUNSWICK, MIDDLESEX COUNTY. On the south side of State Highway Route #27 (Lincoln Highway), about 1.1 miles west of the Queens Building, Rutgers University, and on the southeast end of the concrete porch of the Superintendent's Office in St. Peter's Cemetery; 0.40 feet from the southeast edge of the porch, and 1.18 feet from the southeast corner. A monel metal rivet.
Elevation: 76.406 ft
- MON. 209 - FRANKLIN TOWNSHIP, SOMERSET CO. On the northeast corner of Somerset St. (Route #27) and Cossett St. 30.4 ft. southwest of the southwest corner of a frame dwelling owned by Stella Baoyk; 7.6 ft. south of the west end of a brick wall. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped "209".
Elevation: 74.454 ft.

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STARTING AT THE RARITAN RIVER RR BRIDGE, OVER THE PENNA RR ABOUT 1 1/3 MILES SOUTH OF SOUTH AMBOY MIDDLESEX CO., THENCE RUNNING WESTERLY ALONG CO. ROUTES #3R3, and 3R2, TO TANNERS CORNER, MIDDLESEX CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

- A-2 - About 1 1/3 mile south of South Amboy, Middlesex Co. at the Raritan River R^r bridge over the Penna RR in the north abutment, 15 ft. south of the north wing-wall, and 1ft. above the ground. A standard disk, stamped "A-2"1924". (A first order S.M.)
Elevation: 24.454 meters or 80.164 ft.
- RV 3330 - SAYREVILLE TWP., MIDDLESEX CO. On the south side of Co. Rte. #3R2, about .2 mile east of its intersection with Co. Rte. #3R3, on the southern end of the west concrete abutment supporting bridge over the Penna RR.; and 3.00 ft. below the bridge. A standard monel rivet.
Elevation: 118.352 ft.
- RV 3331 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Co. Rte. #3R3, 0.2 mile west of its intersection with Co. Rte. #3R2.; 63.9 ft. west of pole #421; 59.1 ft. northeast of pole #ENJCP-SE183; A standard monel metal rivet, set in a concrete monument.
Elevation: 113.704 ft.
- RV 266 - SAYREVILLE TWP. MIDDLESEX CO. On the south side of Co. Rte. #3R3, on the east end of the concrete parapet wall which supports the Raritan River RR. About 13.00 ft. above the ground. A standard monel metal rivet.
Elevation: 63.362 ft.
- MON. 3142 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Co. Route #3R3, about 3.2 miles northeast of its intersection with Co. Rte. #3R2, 7.45 ft. north of a drill hole in highway slab #59; 17.85 ft. east of pole #3R2. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "3142" and set in concrete flush with the ground.
Elevation: 22.774 ft.

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- MON. 3141 - SAYREVILLE TWP. MIDDLESEX CO. On the south side of Co. Rte. #3R3 about 2.9 miles northeast of its intersection with Co. Rte. #3R2. 52.6 ft. northwest of a dwelling of D. Arnski; 35.6 ft. east of pole #3465. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "3141" set in concrete flush with the ground. Elevation: 22.960 ft.
- RV 267 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Co. Rte. #3R3, 1.8 miles west of its intersection with Co. Rte. #3R2. 33.20 ft. northwest of pole ENJP Co.-SE 1068-G; 18.50 ft. north of the centerline of the road. A standard monel metal rivet set in concrete, 1 inch below ground. Elevation: 57.176 ft.
- RV 268 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Main St., about 2.2 miles west of Co. Rte. 3R3 and between the curb and the sidewalk. 16.9 ft. north of centerline of Main St.; 22.05 ft. west of pole BT-22-96. A standard monel metal rivet set in a concrete monument, level with the ground. Elevation: 31.493
- MON. 3140 - SAYREVILLE TWP. MIDDLESEX CO. On the south side of Co. Rte. #3R3 about 1.9 miles northeast of Co. Rte. #3R2. 39.22 ft. west of the northeast corner and 26.07 ft. north of the northwest corner of a dwelling belonging to E. Cordes. A STANDARD U.S.C. &G.S.&S.S. bronze disk, set in concrete and stamped "3140" and set flush with ground. Elevation: 14.640 ft.
- MON. 3139 - SAYREVILLE TWP. MIDDLESEX CO. On the south side of Co. Rte. #3R3, 1.8 miles northeast of Co. Rte. #3R2, and between the curb and the sidewalk. 57.6 ft. northeast of the northeast corner of L. Disbrow's house; 32.4 ft. west of pole #ENJP Co.-SE-1101. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete, flush with the ground, and stamped "3139). Elevation: 49.123 ft.
- RV 269 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Co. Rte. 3R3, 3.1 miles west of Co. Rte. 3R2. On the east end of a concrete door sill in a one story brick building; 3.2 ft. west of the easterly end of the bldg., 17.5 ft. northwest of pole #ENJP Co.-SE-1121-G. A standard monel metal rivet, Elevation: 16.820 ft.

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- Rv 270 - SAYREVILLE TWP. MIDDLESEX CO. On the west side of Co. Rte. 3R3, in the northerly corner of the blue-stone doorsill leading into the office of Fire Headquarters Engine Co. #1, in Sayreville. 6.2 ft. south of the north corner of the building. A monel metal rivet,
Elevation: 30.118 ft.
- MON. 3138 - SAYREVILLE TWP. MIDDLESEX CO. On the south side of Co. Rte. 3R2 and about in the centerline of Co. Rte. 3R3 (produced). 33.15 ft. northeast of the northeast corner of Gorman Bldg., 22.00 ft. west of pole #292; A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete, stamped "3138", flush with ground.
Elevation: 40.805 ft.
- MON. 3137 - SAYREVILLE TWP. MIDDLESEX CO. On the north side of Co. Rte. #3R2, about .35 miles east of the bridge over South River; between the curb and the sidewalk. 47.3 ft. southwest of the southwest corner of house belonging L. Hoffman; 20.8 ft. west of pole JCP-Co.-SE 517. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped #3137, flush ground.
Elevation: 17.266 ft.
- RV 271 - SOUTH RIVER, MIDDLESEX CO. On the south side of Co. Rte. #3R2, on a concrete pier of the Rolling Lift Bridge, over South River. In the southwesterly corner of a concrete slab slightly west of the iron rail. A standard monel metal rivet.
Elevation: 13.103 ft.
- TIDAL B.M.#1 (1934) SOUTH RIVER, MIDDLESEX Co. N.J. On the north side of County Route #3-R-2 at South River Rolling Lift Bridge, 7.71 ft. north of the north curb of Co. Route #3-R-2; 31.35 ft. west of pole #JCP & L. Co. Se-533; A standard U.S.C.&G.S. bronze disk stamped "Tidal Bench #1 1934".
Elevation: 11.463 ft.
- Pt 3 USE (1928) SOUTH RIVER, MIDDLESEX CO. On the south side of Co. Rte. #3-R-2 on the Rolling Lift Bridge over South River, 5.61 ft. south of the south curb of Route #3-R-2; 4.08 ft. east of edge of concrete sidewalk of bridge. A standard U.S.C.&G.S. bronze disk stamped "PT-3-USE-1928".
Elevation: 12.671 ft.

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- TIDAL B.M.#3 (1934) SOUTH RIVER, MIDDLESEX CO. On the south side of Co. Rte. #3-R-2 on the west side of Rolling Lift Bridge over South River, 6.62 ft. southeast of the south curb of Route #3-R-2; 39.92 ft. northeast of the westerly end of concrete coping. A standard U.S.C.&G.S. bronze disk stamped "Tidal Bench #3-1934".
Elevation: 12.663 ft.
- RV 272 - SOUTH RIVER, MIDDLESEX CO. On the north side of Co. Rte. #3R2, (Water St.) 5.2 miles west of Co. Rte. 3R3, in a concrete slab just east of Petries Service Station. 6 inches north of the southerly end of the building. A standard monel metal rivet.
Elevation: 8.131 ft.
- Rv 273 - SOUTH RIVER, MIDDLESEX CO. On the south side of Co. Rte. 3R2, (Jackson St.) between the curb and the sidewalk, 23.25 ft. northeast of the northwest corner and 22.10 ft. northwest of the northeast corner of a brick building known as #78 Jackson St. A standard monel metal rivet, set in a concrete monument.
Elevation: 21.168 ft.
- Rv 274 - SOUTH RIVER, MIDDLESEX CO. On the south side of Co. Rte. #3R2, (Jackson and Main Sts.) between the curb and the sidewalk; 13.62 ft. from the most north-westerly corner of Tabernacle Baptist Church; 17.85 ft. easterly from pole #B8R-109; A standard monel metal rivet set in a concrete monument.
Elevation: 68.540 ft.
- Rv 275 - SOUTH RIVER TWP, MIDDLESEX CO. On the west side of Co. Rte. #3R2, 6.15 miles west of Co. Rte. 3R3 and 3R2; in the southerly end of the west concrete wing-wall supporting the bridge over the Raritan River RR. 6.25 ft. northeast of the southerly end of said wing-wall. A standard monel metal rivet.
Elevation: 104.052 ft.
- Mon. 3108 - EAST BRUNSWICK TWP, MIDDLESEX CO. On the northwest corner of the intersection of St. Highway Rte. #8-28 and the South River-Milltown Road, about 2.78 miles northwest of the traffic circle in Old Bridge; 71.60 ft. southeast of the southeast corner of L. Knof's house, 96.50 ft. southeast of the northeast corner of the same house; and 25.75 ft. east of pole #PS-384-ENW. A standard U.S.C.&G.S.&S.S. disk, stamped "3108" and set in concrete flush with the ground.
Elevation: 104.533 ft.

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BEGINNING IN KINGSTON, MIDDLESEX COUNTY, AT THE NORTH CORNER OF THE INTERSECTION OF STATE HIGHWAY ROUTE #27 AND THE MONMOUTH JUNCTION ROAD, THENCE ON THE MONMOUTH JUNCTION ROAD SOUTHEASTERLY AND NORTHEASTERLY TO MONMOUTH JUNCTION, MIDDLESEX COUNTY.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

RV 105 - KINGSTON, MIDDLESEX COUNTY. On the north corner of the intersection of State Highway Route #27 and the Monmouth Junction Road, in the south corner of the first tread of the concrete steps of the main entrance to the Kingston Post Office. A monel metal rivet.

Elevation: 108.901 ft.

RV 115 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of the Kingston-Monmouth Junction Road, about 0.45 miles southeast of Kingston, in the southwest curb near the southeast end of the Withington Bridge (marked, "County of Middlesex 4-B-54"); 350.0 feet northwest of the Rocky Hill Branch of the Pennsylvania Railroad crossing the road. A monel metal rivet.

Elevation: 59.895 ft.

DK 6117 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the northeast side of the Kingston-Monmouth Junction Road, about 1.0 miles southeast of Kingston; 13.0 feet northeast of the center line of the road, 13.0 feet southeast of the center line of a driveway leading to the J. Cox property, and 30.0 feet northeast of pole #60185-3B. A standard U.S.C. & G.S. & S.S. disk, stamped "6117-D", set in concrete.

Elevation: 101.422 ft.

RV 117 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the north side of the Kingston-Monmouth Junction Road, about 1.4 miles southeast of Kingston, in the top and center of a concrete culvert headwall on the southeast side of State Highway Route #26; 200.0 feet north of the center line of the Kingston-Monmouth Junction Road, 48.0 feet southeast of the center line of the Highway, and 51.0 feet northeast of pole #PS-1379-3B. A monel metal rivet.

Elevation: 85.829 ft.

DK 6118 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the southwest side of the Kingston-Monmouth Junction Road, about 1.9 miles southeast of Kingston; 18.0 feet northwest of the center line of the road, 9.0 feet northeast of pole #PS-129-3B, and 66.0 feet northwest of the northwest corner of the picket fence around the residence of C. McDonald. A standard U.S.C. & G.S. & S.S. disk, stamped "6118-D", set in concrete.

Elevation: 222.537 ft.

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- DK 6119 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of the Kingston-Monmouth Junction Road, about 2.45 miles northeast of Kingston; 17.0 feet southeast of the center line of the road, 61.0 feet northeast of the center line of the driveway to the property of H. Rank, and 44.0 feet southwest of pole #60138. A standard U.S.C. & G.S. & S.S. disk, stamped "6119-D", set in concrete.
Elevation: 110.770 ft.
- DK 6120 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of the Kingston-Monmouth Junction Road, about 3.05 miles northeast of Kingston; 24.0 feet southeast of the center line of the road, 25.0 feet northeast of the center line of the driveway to the property of J. Kronnagle, and 11.0 feet east of pole #60125-3B. A standard U.S.C. & G.S. & S.S. disk, stamped "6120-D", set in concrete.
Elevation: 119.357 ft.
- DK 6121 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX COUNTY. On the south-east side of the Kingston-Monmouth Junction Road, about 3.55 miles northeast of Kingston; 17.0 feet southeast of the center line of the road, 53.0 feet northwest of the west corner of a frame shed adjoining the G. Tammaro residence, and 31.0 feet southeast of pole #60107-3B. A standard U.S.C. & G.S. & S.S. disk, stamped "6121-D", set in concrete.
Elevation: 104.706 ft.
- DK 6122 - MONMOUTH JUNCTION, MIDDLESEX COUNTY. On the east side of the Monmouth Junction-Kingston Road, about 0.5 miles west of the Pennsylvania Railroad station; 43.0 feet east of the center line of the road, and 10.0 feet northeast of pole #60090. A standard U.S.C. & G.S. & S.S. disk, stamped "6122-D", set in concrete.
Elevation: 95.653 ft.
- I - 2 - MONMOUTH JUNCTION, MIDDLESEX COUNTY. About 150 feet west of the Pennsylvania Railroad station, in the south foundation of signal bridge #410, 48.5 feet southwest of the southwest corner of the concrete platform at the station, 11 feet south of the south rail, and about 12 feet north of the south right-of-way fence. A standard U.S.C. & G.S. -B.M. disk, stamped "I 2 1924".
Elevation: 27.546 meters or 90.374'

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DESCRIPTION OF BENCH MARKS

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STARTING AT GEORGE ST., AND COLLEGE AVE., NEW BRUNSWICK, MIDDLESEX CO., RUNNING WEST ON GEORGE ST. SOUTH ON LANDING LANE BRIDGE EAST ON EASTON AVE., SOUTHEAST ON LOUIS ST., AND SOUTHWEST ON SOMERSET ST., TO THE BRIDGE OVER MILE RUN, NEW BRUNSWICK, MIDDLESEX CO.

STANDARD ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- RV 219 - NEW BRUNSWICK, MIDDLESEX CO. On the north side of George St. at its intersection with College Ave., opposite Memorial Monument in an exit from Buccleuch Park, about 0.74 miles west on George St. from the east side of Queens Bldg. at Rutgers University. Set in a stone culvert. 31.25 ft. east of pole #PS-60018-NBK; 75.25 ft. northeast of lower northwest corner of bronze plate set in memorial monument, and about 0.6 ft. east of west edge of second lift of stone culvert. A standard monel metal rivet, set 1.1 ft. below top of culvert.
Elevation: 25.266 ft.
- RV 276 - NEW BRUNSWICK, MIDDLESEX CO. On the south side of Easton Ave. in a brownstone headwall #JB-171 over One Mile Run Creek. 29.7 ft. south of the centerline of Easton Ave.; 6.55 ft. northwest of the easterly end of headwall. A standard monel metal rivet,
Elevation: 29.482 ft.
- RV 277 - NEW BRUNSWICK, MIDDLESEX CO. On the south side of Easton Ave.; in a concrete wall surrounding a coal chute in front of County Vocational School #1. 28.42 ft. east of the northwest corner of school; 66.97 ft. south of the centerline of Easton Ave. A standard monel metal rivet.
Elevation: 56.276 ft.
- RV 278 - NEW BRUNSWICK, MIDDLESEX CO. On the southeast corner of Louis St., and Courtland St., 7.48 ft. southwest of pole #PS-2966-NBK; 245 ft. west of the westerly edge of concrete sidewalk on Courtland St. A standard monel metal rivet, set in a concrete monument 0.12 ft. below the ground.
Elevation: 58.929 ft.

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RV 279 - NEW BRUNSWICK, MIDDLESEX CO. On the southeast corner of Louis and Hamilton Sts. in a concrete doorsill, at the entrance to Hamilton Grill. 13.25 ft. south of the southerly curb of Hamilton St.; 17.15 ft. east of the easterly curb of Louis St. A standard monel metal rivet.
Elevation: 62.346 ft.

RV 217 - NEW BRUNSWICK, MIDDLESEX CO. On north side of Somerset St. about 1 mile west from Queens Monument in front of Queens Building, Rutgers University, in the northwest wingwall of One Mile Run Bridge under Somerset St.; 0.85 ft. south of the north edge of the bridge and 0.50 ft. east of the west edge of the wingwall. A monel metal rivet.
Elevation: 48.552 ft.

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STARTING AT NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO., AT HOW'S LANE AND LINCOLN HIGHWAY RUNNING SOUTHEAST ON HOW'S LANE, NORTHEAST ON LIVINGSTON AVE., AND NORTHWEST ON GEORGE ST., TO BISHOP PLACE, NEW BRUNSWICK, MIDDLESEX CO., N.J.

STANDARD ELEVATIONS ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- RV 211 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of State Highway Route #27, 0.7 miles west of grade crossing of the highway of the Millstone Branch of the Pennsylvania RR, 3.11 miles west of George and Albany Sts. New Brunswick, in the northwest corner of concrete doorsill of the Lincoln Hatchery Building; 0.30 ft. south of north edge of the sill; 0.35 ft. east of the west edge of the sill; and 600. ft. west of How's Lane. A standard monel metal rivet.
Elevation: 126.900 ft.
- RV 280 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southwest side of Howe Lane, 0.4 mile south of the Lincoln Highway; 11.45 ft. southwest of the centerline of Howe Lane; 19.10 ft. southeast of pole #BT-912-NB-40. A standard monel metal rivet, set in a concrete monument 4 inches below the shoulder of the road.
Elevation: 104.775 ft.
- RV 281 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of Howe Lane just west of the Penna. RR tracks, in a concrete base that supports an H column #32 for the Penna. RR. 8.60 ft. northwest of the nearest railroad tracks; 57.32 ft. southwest of the northwest corner of a headwall; 54.90 ft. south of the northeast corner of the watchman's shanty. A standard monel metal rivet.
Elevation: 112.091 ft.
- RV 282 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of Livingston Ave., in the concrete base supporting the flag pole directly in front of the Livingston Park Grammar School. 57.72 ft. east of pole #60098-NBW; 41. ft. northwest of the most westerly corner of step leading into school. A standard monel metal rivet.
Elevation: 119.642 ft.

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DESCRIPTION OF BENCH MARKS

- RV 283 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south-east side of Livingston Ave., and the southwest side of Highland Ave., in a concrete base supporting an Esso sign in front of a standard Esso Gasoline Station. 13. ft. south of pole #60228-NBW; 45.62 ft. north of the northerly corner of the Service Station Bldg.; A standard monel metal rivet.
Elevation: 118.680 ft.
- RV 284 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of Livingston Ave., just west of Jerome Place, 2.18 ft. southeast of the south curb of Livingston Ave.; 17.1 ft. west of pole #NBW-60252. A standard monel metal rivet set in a concrete monument, level with ground.
Elevation: 99.538 ft.
- RV 285 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south-east side of Livingston Ave., in a concrete headwall, 3C-185 over One Mile Creek, 49.10 ft. southeast of the centerline of Livingston Ave.; 11.40 ft. southwest of the most northerly end of headwall. A standard monel metal rivet.
Elevation: 68.129 ft.
- RV 286 - NEW BRUNSWICK, MIDDLESEX CO. On the southerly corner of Livingston Ave. and Ward St., between the sidewalk and the curb; 2.55 ft. east of pole #HL-306A-PS-125-NBK; 1.45 ft. northwest of edge of sidewalk on Livingston Ave. A standard monel metal rivet, set in the top of a concrete monument .08 ft. below the ground.
Elevation: 81.012 ft.
- RV 287 - NEW BRUNSWICK, MIDDLESEX CO. On the southeast side of Livingston Ave., between Delavan and Comstock Sts., in a windowsill (third window southwest of entrance) of the Senior High School; 92.25 ft. southeast of the southeast curb of Livingston Ave.; 24.39 ft. southwest of the southerly side of entrance to School. A standard monel metal rivet.
Elevation: 86.225 ft.
- RV 288 - NEW BRUNSWICK, MIDDLESEX CO. On the northwest side of Livingston Ave., between Welton and Redmond Sts., at the entrance to Roosevelt Junior High School, on the north side of the steps directly above the fourth step of the entrance. A standard monel metal rivet.
Elevation: 58.869 ft.

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DESCRIPTION OF BENCH MARKS

- RV 289 - NEW BRUNSWICK, MIDDLESEX CO. At the intersection of George St. and Schruman St., and Livingston Ave. in the northerly corner of a granite base of a Memorial Monument. A standard monel metal rivet.
Elevation: 52.886 ft.
- RV 291 - NEW BRUNSWICK, MIDDLESEX CO. On the east side of George St. opposite the southerly curb of Somerset St., in an abutment of a Penna. RR Bridge; 11.45 ft. north-east of pole #PSCT-497; 13.6 ft. east of the easterly curb of George St.; 27.65 ft. northeast of the north-east corner of a column supporting the bridge. A standard monel metal rivet set 2 inches above the sidewalk.
Elevation: 49.536 ft.
- RUTGERS - NEW BRUNSWICK, MIDDLESEX CO. On the north side of George St. just west of its intersection with Bishop Place near the highest point of the bluff overlooking the Raritan River; 69. ft. north of the centerline of George St.; 159. ft. west of the projection of the centerline of Bishop Place. A standard U.S.C.&G.S. triangulation station disk stamped "Rutgers"1933" set in concrete .01 ft. above ground.
Elevation: 64.195 ft.
- GEORGE - NEW BRUNSWICK, MIDDLESEX CO. At the Delaware and Raritan Canal on a large coping stone at the south end of the lock chamber and on the east wall of the second or "Deep" lock. A cross cut. N.J. Geological S.M.
Elevation: 17.882 ft.
- RUTGERS CHAPEL - NEW BRUNSWICK, MIDDLESEX CO. At the easterly entrance to Rutgers College Chapel on the outer edge at the east end of the sill on the right as you enter and back under the porch. A cross cut. N.J.G.S.-B.M.
Elevation: 72.584 ft.
- QUEENS - NEW BRUNSWICK, MIDDLESEX CO. Top of granite monument in the lawn in front of Queens Building of Rutgers University. An unmarked square stone with drill hole in the center. A N.J.G.S.-B.M.
Elevation: 71.234 ft.

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DESCRIPTION OF BENCH MARKS

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MID-L Page 1

STARTING AT LIVINGSTON AVE. AND WARD ST., NEW BRUNSWICK, MIDDLESEX CO. RUNNING SOUTHEAST ON WARD ST., NORTHEAST OF GEORGES ROAD, SOUTHEAST ON SANDFORD ST., EAST ACROSS PROPERTY OF THE N.J. STATE AGRICULTURAL EXPERIMENTAL STATION, SOUTHEAST ON RYDERS LANE; NORTH-EAST ON S.H. RTE. #25, WEST ON S.H. RTE. #27 TO THE ALBANY ST. BRIDGE, HIGHLAND PARK, MIDDLESEX CO.

STANDARD ELEVATIONS ABOVE MEAN SEA LEVEL BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- Rv 286 - NEW BRUNSWICK, MIDDLESEX CO. On the southerly corner of Livingston Ave. and Ward St., between the sidewalk and the curb; 2.55 ft. east of pole #HL-306A-P8125-NBK; 1.45 ft. northwest of edge of sidewalk on Livingston Ave. A standard monel metal rivet set in the top of a concrete monument .08 ft. below ground.
Elevation: 81.012 ft.
- Rv. 295 - NEW BRUNSWICK, MIDDLESEX CO. On the northeast corner of Ward St. and Remson Ave. in the doorsill of the most westerly Ward St. entrance to the brick building owned by standard Brands Inc. 22.25 ft. east of the west corner of the building. A standard monel metal rivet.
Elevation: 86.974 ft.
- Rv. 296 - NEW BRUNSWICK, MIDDLESEX CO. On the east side of Georges Road, at the intersection of Jones Ave., Georges Road and Powers St., on the concrete ledge just south of a driveway entrance to a building owned by N.J. Agricultural College (formerly Reckitts Blue Ltd.) It is 3.5 ft. above the ground; 4.95 ft. south of the south edge of driveway; and 35.10 ft. north of the southwest corner of the building. A standard monel metal rivet.
Elevation: 108.298 ft.
- Rv. 297 - NEW BRUNSWICK, MIDDLESEX CO. On the east side of a concrete base of a standpipe at the Filtration Plant of the New Brunswick Water Co. It is 1.0 ft. above the ground; 39.90 ft. northwest of the nearest southwest corner of the Water Co. building; 69.05 ft. north of the south corner of the entrance to the filter Room. A standard monel metal rivet.
Elevation: 126.267 ft.

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DESCRIPTION OF BENCH MARKS

- RV 294 - NEW BRUNSWICK, MIDDLESEX CO. On the north side of a dirt road, in a concrete base on the property of the N.J. State Agricultural College at the Coal Bunkers near the Agricultural Engineering Laboratory Building. It is 1.0 ft. above the centerline of the dirt road through the property; 88.04 ft. east of the southeast corner of the Engineering Laboratory Building; 14.05 ft. east of the southwest corner of the Coal Bunkers; 8.34 ft. southwest of the southeast corner of the Coal Bunkers. A standard monel metal rivet.
Elevation: 122.308 ft.
- Rv 299 - NEW BRUNSWICK, MIDDLESEX CO. On the east side of Ryders Lane about 2 miles north of the intersection of Ryders Lane and State Highway Route #25, in a concrete monument. It is about 3 ft. above the centerline of the road; 13.24 ft. south of a tack in a 34" Oak tree; 12.05 ft. north of a tack in a 20" Oak tree; 20.30 ft. west of the centerline of Ryders Lane. A standard monel metal rivet.
Elevation: 107.867 ft.
- MON 3178 - NORTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the south side of S.H. Route #25, .73 miles southwest of the traffic circle in New Brunswick; 24.45 ft. southeast of the centerline of the road; 7.60 ft. south of a drill hole in slab #200. A standard U.S.C.&G.S.&S.S. bronze disk stamped "3178" set in concrete 0.5 ft. below ground.
Elevation: 92.344 ft.
- MON. 3179 - NEW BRUNSWICK, MIDDLESEX CO. On the south side of S.H. Route #25 0.5 miles southwest of traffic circle in New Brunswick; 9.75 ft. southeast and 8.66 ft. southwest of two drill holes cut in slab #235; 25.95 ft. south of the centerline of the road; 177.85 ft. northeast of PSE Co. high tension line tower #4. A standard U.S.C. &S.S. bronze disk stamped "3179" set in concrete, 0.5 ft. below ground.
Elevation: 87.678 ft.
- MON 3180 - NEW BRUNSWICK, MIDDLESEX CO. On the south side of S.H. Route #25, 0.27 miles southwest of the traffic circle in New Brunswick, 28. ft. south of centerline of road; 10.82 ft. southeast of the westerly one and 10.91 ft. southwest of the easterly one of two drill holes cut in slab #267. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "3180" set in concrete, 0.5 ft. above ground.
Elevation: 81.367ft.

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DESCRIPTION OF BENCH MARKS

- MON 3102 - NEW BRUNSWICK, MIDDLESEX CO. In the traffic circle at the intersection of S.H. Routes #25 and #3-28. 81.40 ft. northwest of a cross mark on a catch basin at the north-east part of the circle; 110.16 ft. northeast of pole #NBK-90040. A standard U.S.C.&G.S.&S.S. bronze disk, stamped #3102", set in concrete flush with the ground.
Elevation: 84.366 ft.
- MON. 3101 - NEW BRUNSWICK, MIDDLESEX CO. In the southeast side of S.H. Route #25 about 0.3 mile northeast of S.H. # 3-28 opposite slab #636. 6.87 ft. southeast of a chiseled cross cut in east edge of slab #636; 2.30 ft. northwest of a spike in a guard rail post. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "3101" set in concrete,
Elevation: 91.675 ft.
- SUPER - NEW BRUNSWICK, MIDDLESEX CO. On S.H. Route #25, at the bridge over the Raritan River, just south of the bridge center on the east sidewalk in the third bay from the south end of the bridge about on line with the concrete railing. A standard U.S.C.&G.S. bronze triangulation disk, stamped "Super"1932", flush with the sidewalk.
Elevation: 113.938 ft.
- RV 294 - RARITAN TOWNSHIP, MIDDLESEX CO. In front of the New Brunswick station of the Light Sales and Service Co. 2.23 ft. north of the most northerly corner of the White Sales and Service Building; 8.39 ft. west of pole #PS-3302-RT. A standard monel metal rivet set in the top of a concrete monument 2 inches below the ground.
Elevation: 118.079 ft.
- MON 3170 - HIGHLDN PARK, MIDDLESEX CO. On the north side of Woodbridge Ave. about 101.0 ft. east of Dartmouth St. 11.6 ft. north of the north curb of Woodbridge Ave.; 17.0 ft. northeast of pole #59272-HOP; 58. ft. southwest of the southwest corner of a brick garage. A standard U.S.C.&G.S.&S.S. bronze disk, stamped #3170 set in concrete.
Elevation: 119.655 ft.
- MON 3169 - HIGHLAND PARK, MIDDLESEX CO. On the north side of Woodbridge Ave. about 139.0 ft. east of South 10th Ave. 2.5 ft. north of the north curb of Woodbridge Ave.; 22.6 ft. east of pole #59248-HLP. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "3169" set in concrete, flush with the ground.
Elevation: 120.633 ft.

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- MON. 213 - HIGHLAND PARK, MIDDLESEX CO. On Raritan Ave. (S.R. Route #27) about 1.5 miles northeast of the intersection of George and Albany Sts. in New Brunswick; 30.0 ft. west of the center line of Highland Ave.; 19.1 ft. north of the centerline of Raritan Ave.; 65.5 ft. east of the prolonged center line of S. 11th St.; 57.5 ft. southwest of the east corner of a Standard Oil Gasoline Station. A standard U.S.C.&G.S.&S.S. disk, stamped "213" set in concrete 0.2 ft. below the crown of the street.
Elevation: 102.369 ft.
- MON. 212 - HIGHLAND PARK, MIDDLESEX CO. On Raritan Ave. (S.H. Route #27) about 1.2 miles northeast of the intersection of George and Albany Sts. in New Brunswick; 17.4 ft. north of the center line of Raritan Ave.; 35.8 ft. southwest of the southeast corner of house of Dr. N.S. McLeod (#729) and 36.3 ft. south of the southwest corner of the same building. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "212" set in concrete 0.3 ft. lower than the crown of the street.
Elevation: 98.599 ft.
- RV 293 - HIGHLAND PARK, MIDDLESEX CO. At the intersection of Raritan and Woodbridge Avea. in the southeast corner of the concrete base of the Soldier's Monument. A standard monel metal rivet.
Elevation: 99.333 ft.
- RV 292 - HIGHLAND PARK, MIDDLESEX CO. On the north side of Raritan Ave. just west of N 2nd Ave. in front of the Highland Park Police Station; 27.36 ft. west of the southwest corner of the Fire House; 59.55 ft. south of the southeast corner of the Police Station. A standard monel metal rivet, set in top of a concrete monument 3 inches below ground.
Elevation: 71.796 ft.
- RV 352 - HIGHLAND PARK, MIDDLESEX CO. On the south side of S.H. Route #27 in the west end of a concrete retaining wall about 30. ft. south of centerline of Route #27 and at the east entrance of the Albany St. Bridge to New Brunswick 3 ft. above the sidewalk. A standard monel metal rivet.
Elevation: 28.923 ft.

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DESCRIPTION OF BENCH MARKS

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STARTING AT MONMOUTH JUNCTION, MIDDLESEX CO. AT THE PENNA R.R. STA.
RUNNING THENCE NORTHWEST ALONG MONMOUTH JUNCTION- SAND HILLS ROAD
TO STATE HIGHWAY ROUTE # 27, 2 MILES WEST OF FRANKLIN PARK, MIDDLE-
SEX COUNTY.

STANDARD ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929
GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST &
GEODETIC SURVEY.

- I 2 - MONMOUTH JUNCTION, MIDDLESEX CO. About 150 ft. west of the
Pennsylvania RR Station, in the south foundation of signal
bridge #410, 45.5 ft. southwest of the southwest corner of
the concrete platform at the station, 11 ft. south of the
south rail, and about 12 ft. north of the south right-of-way
fence. A standard U.S.C.&G.S. B.M. disk, stamped "I-2 1924".
Elevation: 90.374 ft.
- I 2 (1934) - MONMOUTH JUNCTION, MIDDLESEX CO. In the southwest cor-
ner of the east footing of the Penna RR "West Bound Home"
signal bridge; 450.0 ft. north of the intersection of Warren
St. and the main line of the Penna RR tracks, 115.5 ft. from
the southwest corner of the Penna RR Station, 10.2 ft. from
the east rail of the east bound passenger track (#1); 9.4
ft. from the west rail of the west track of the Branch Line
to Freehold, 17.3 ft. from the end of concrete curb in front
of station, and 41.75 ft. from U.S.C.&G.S. -B.M. "I 2-1924".
A standard U.S.C.&G.S.-B.M. disk, stamped "I 2 1934 RESET".
Elevation: 90.962 ft.
- RV 226 -SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the west side of
the County Road from Monmouth Junction to Sand Hills and
Ten Mile Run, about 0.5 miles north of the Monmouth Junction
Railroad Station, and on an "L" shaped headwall of bridge
#4P-102; 2.3 ft. north of the south end of the headwall
and 30.0 ft. north of the north rail of the railroad spur.
A monel metal rivet.
Elevation: 79.015 ft.
- DK 227 -SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the east side of
County Road from Monmouth Jct. to Sand Hills and Ten Mile
Run, about 1.0 mile north of the Monmouth Jct RR Sta.;
20.0 ft. south of the centerline of bridge #4P-47; and 14.0
ft. east of the centerline of the road. A standard U.S.C.
&G.S.&S.SL disk, stamped "227-D", set in concrete 0.3 ft.
below the crown of the road.
Elevation: 122.074 ft.

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- Rv. 228- SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southwest corner of the intersection of State Highway Route #26 and the Monmouth Junction-Sand Hills and Ten Mile Run Road, about 1.0 mile southwest of Sand Hills, and in the center of an "L" shaped culvert headwall; 25.0 ft. east of pole #PB-60495-BB. A monel metal rivet.
Elevation: 197.321 ft.
- MK 229- SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the southwest side of the Griggstown-Monmouth Junction Road, about 0.38 miles southwest of its junction with State Highway Route #27 which is 2.0 miles west of Franklin Park, on the south end of the southwest wingwall of Co. Bridge #4B-49; 0.8 ft. southeast of the northwest edge of stone slab on top of the wingwall, and 1.0 ft. northwest of the southwest edge. An iron bolt holding stone slab.
Elevation: 148.418 ft.
- MK 230 - SOUTH BRUNSWICK TOWNSHIP, MIDDLESEX CO. On the east side of the Griggstown-Monmouth Junction Road, about 0.18 miles south of its junction with State Highway Route #27 which is 2.0 miles west of Franklin Park, and on the north end of the east abutment of County Bridge #4C-50; 1.0 ft. south of the north edge and 0.8 ft. east of the west edge of the stone slab on top of the abutment. An iron bolt holding stone slab.
Elevation: 153.791 ft.
- MON 201 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of State Highway Route #27, about 2.0 miles west of Franklin Park, in the northwest corner of the intersection of the Highway and the Bunker Hill Road to Griggstown; 49.0 ft. west of the centerline of the Bunker Hill Road, and 25.2 ft. north of the centerline of the Highway. A standard U.S.C.&G.S.&S. disk, stamped "201" set in concrete 0.3 ft. above the crown of the road.
Elevation: 169.803 ft.

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DESCRIPTION OF BENCH MARKS

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BEGINNING IN SOMERVILLE, SOMERSET COUNTY, AT THE COUNTY COURT HOUSE, THENCE SOUTHWESTERLY ON STATE HIGHWAY ROUTE #31 TO PRINCETON, MERCER COUNTY.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- XIV -SOMERVILLE, SOMERSET COUNTY. In the grounds of the County Court House, in the top of the true meridian monument of the State surveys. The bottom of a circular cavity in the top of the granite monument. A U.S.C. & G.S.-B.M.
Elevation: 24.943 meters or 81.844'
- RV 1320 - SOMERVILLE, SOMERSET COUNTY. On the west side of State Highway Route #31, in the concrete curb on the north side of iron faced steps leading to the West Bound train platform and ticket office of the Central Railroad of New Jersey. A monel metal rivet.
Elevation: 52.134 ft.
- MON 1398-SOMERVILLE, SOMERSET COUNTY. On the west side of State Highway Route #31; 22.0 feet west of the center line of the Highway, 12.5 feet south of the prolonged center line of Second Street, and 1.1 feet north of the north (prolonged) building line of the garage of Richardson and Gaston. A standard U.S.C. & G.S. & S.S. disk, stamped "1398", set in concrete 0.1 feet below ground level.
Elevation: 57.808 ft.
- MON 1399-SOMERVILLE, SOMERSET COUNTY. On the west side of State Highway Route #31, opposite the house of Leroy Hardgrove; 23.0 feet west of the center line of the Highway, 42.2 feet south of the prolonged house line of the Hardgrove dwelling, and 1.0 feet west of the west edge of the sidewalk. A standard U.S.C. & G.S. & S.S. disk, stamped "1399", set in concrete 0.5 feet below ground level.
Elevation: 46.548 ft.
- RV 1321 - SOMERVILLE, SOMERSET COUNTY. On the west side of State Highway Route #31, about 0.5 miles south of the Somerset County Court House in Somerville, on the top of the step rail on the north side of the entrance to the Cemetery office. A monel metal rivet.
Elevation: 50.475 ft.
- RV 1322 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 0.71 miles south of the Somerset County Court House in Somerville, on top of the rail of the concrete bridge over the Raritan River, at the base of the center light standard over main bearing pier at the center of the bridge. A monel metal rivet.
Elevation: 60.406 ft.

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- MON 1310-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 1.4 miles south of the Somerset County Court House in Somerville; 52.61 feet southwest of an iron pipe property monument, 53.85 feet north of pole #PS-336-HBT, and 70.78 feet south of pole #PS-336-HBT. A standard U.S.C. & G.S. & S.S. disk, stamped "1310", set in concrete flush with the ground.
Elevation: 55.861 ft.
- RV 1323 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route 31, about 1.65 miles south of the Somerset County Court House in Somerville, in the lower ring of the stone tower on the south side of the Flagtown Road (east entrance to the Duke Estate), and under a slot in the east side of said tower. A monel metal rivet.
Elevation: 59.270 ft.
- MON 1311-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the east side of State Highway Route #31, about 1.75 miles south of the Somerset County Court House in Somerville; 30.60 feet east of the center line of the Highway, 25.62 feet southeast of the southeast corner of highway slab #278, 25.30 feet south of pole #86, and 500.00 feet south of the main entrance to Duke's Estate. A standard U.S.C. & G.S. & S.S. disk, stamped "1311", set in concrete 1.0 feet below the crown of the road.
Elevation: 54.265 ft.
- RV 1324 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 2.1 miles south of the Somerset County Court House in Somerville, in the top of the rubblestone column at the south end of the stone wall on the east side of Duke's Estate. A monel metal rivet.
Elevation: 88.812 ft.
- RV 1326 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 2.6 miles south of the Somerset County Court House in Somerville, on top of the angle of the southwest abutment wall of the Lehigh Valley Railroad bridge over the Highway. A monel metal rivet.
Elevation: 65.004 ft.
- MON 1312-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 3.25 miles south of the Somerset County Court House in Somerville, and opposite the Liberty Public School; 17.67 feet southwest of a drill hole in the edge of the pavement, 20.88 feet northwest of a drill hole in the edge of the pavement (drills being 25.68 feet apart in Highway slab #321), 15.79 feet northeast of pole #PS-508-HB, and 87.19 feet southeast of pole #PS-509-HB. A standard U.S.C. & G.S. & S.S. disk, stamped "1312", set in concrete flush with the ground.
Elevation: 62.218 ft.

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- RV 1326 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 3.3 miles south of the Somerset County Court House in Somerville, in the north end of the curb of a concrete bridge. A monel metal rivet.
Elevation: 56.675 ft.
- MON 1313-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the east side of State Highway Route #31, about 3.8 miles south of the Somerset County Court House in Somerville, opposite Highway slab #439, and just south of Royce Brook; 18.66 feet east of a drill hole in Highway slab #439, 17.25 feet southeast of a drill hole in the same slab, 49.26 feet southwest of pole #PS-303-HBT, and 72.18 feet northeast of pole #PS-302-HBT. A standard U.S.C. & G.S. & S.S. disk, stamped "1313", set in concrete flush with the ground.
Elevation: 79.850 ft.
- RV 1327 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast corner of the intersection of State Highway Route #31 and Weston Road, about 3.85 miles south of the Somerset County Court House in Somerville, on top of the apex of a "V" culvert at the intersection. A monel metal rivet.
Elevation: 84.499 ft.
- RV 1328 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 0.7 miles northeast of Woods Tavern, on the crown of the northern column of a concrete bridge over a branch of Royce Brook. A monel metal rivet.
Elevation: 62.976 ft.
- RV 1329 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southwest corner of the intersection of State Highway Route #31 and an unused road, about 0.2 miles northeast of Woods Tavern, on top of the apex of a "V" culvert at the intersection; 100.0 feet southwest of the Anwell Farms Road Stand. A monel metal rivet.
Elevation: 78.991 ft.
- MON 1314-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.2 miles southwest of Woods Tavern; 14.79 feet southwest of pole #RM-99, 21.70 feet southeast of the edge of the pavement, 26.82 feet northeast of a chiseled crowfoot near the edge of pavement slab #38, and 25.29 feet south of another chiseled crowfoot near the edge of pavement slab #38. A standard U.S.C. & G.S. & S.S. disk, stamped "1314", set in concrete.
Elevation: 113.786 ft.

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DESCRIPTION OF BENCH MARKS

RV 1330 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the north side of the Flagtown-Millstone Road, about 0.6 miles southwest of Woods Tavern, in the east end of the door sill of the front entrance of the Bloomingdale School; 520.0 feet east of State Highway Route #31. A monel metal rivet.
Elevation: 98.887 ft.

MON 1315-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 0.55 miles southwest of Woods Tavern, 15.40 feet west of the edge of the Highway pavement; 43.77 feet northeast of pole #2304, 20.36 feet northwest of a chiseled crowfoot near the outside edge of pavement slab #8, and 20.23 feet southwest of another chiseled crowfoot near the edge of the same slab. A standard U.S.C. & G.S. & S.S. disk, stamped "1315", set in concrete.
Elevation: 93.375 ft.

RV 1331 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 1.15 miles southwest of Woods Tavern, on top of the crown of the northern column of a concrete bridge over a branch of Royce Brook. A monel metal rivet.
Elevation: 78.389 ft.

RV 1332 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 1.65 miles southwest of Woods Tavern, on top of the south corner of a concrete bridge headwall; 50.0 feet south of pole #HM-51. A monel metal rivet.
Elevation: 100.336 ft.

MON 1316-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 1.95 miles southwest of Woods Tavern; 16.30 feet northwest of the edge of the pavement, 15.35 feet southeast of pole #HM-23, 18.75 feet southwest of a chiseled crowfoot near the outside edge of pavement slab #424, and 19.70 feet northwest of another chiseled crowfoot near the edge of the same slab. A standard U.S.C. & G.S. & S.S. disk, stamped "1316", set in concrete.
Elevation: 111.185 ft.

MON 1317-HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 1.25 miles northeast of Belle Meade, and opposite the junction of a dirt road; 13.90 feet southeast of the edge of the pavement, 8.28 feet northwest of pole #HM-10, 18.11 feet northeast of a chiseled crowfoot near the edge of pavement slab #180, and 17.31 feet southeast of another chiseled crowfoot near the edge of the same slab. A standard U.S.C. & G.S. & S.S. disk, stamped "1317", set in concrete.
Elevation: 103.685 ft.

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- RV 1334 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 0.65 miles northeast of Belle Meade, on top of the crown of the northern column of the concrete bridge over a branch of Crusier Brook. A monel metal rivet.
Elevation: 83.113 ft.
- RV 1335 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 0.35 miles northeast of Belle Meade, on top of a concrete bridge rail and at the southerly end; 150.0 feet south of a small cemetery. A monel metal rivet.
Elevation: 102.067 ft.
- RV 1336 - BELLE MEADE, SOMERSET COUNTY. On the northwest side of State Highway Route #31, on top of the crown of the north-western concrete column of the rail of the Pennsylvania and Reading Railroad overpass. A monel metal rivet.
Elevation: 130.393 ft.
- PRINCETON N.E.BASE - BELLE MEADE, SOMERSET COUNTY. On the west side of State Highway Route #31, on land owned by a resident of Virginia and is in charge of Edwin Miller who lives on the Highway 1.0 miles northeast of Belle Meade, and is in the northeast corner of a small meadow; 75 yards south of the railroad station, 75 feet west of the center line of the Highway, and 26 feet south of a fence along the railroad's right-of-way. A standard U.S.C. & G.S. Triangulation Station disk, stamped "PRINCETON N E BASE", set in concrete 0.6 feet above ground level.
Elevation: 112.049 ft.
- MK 4302 - BELLE MEADE, SOMERSET COUNTY. On the west side of State Highway Route #31, at the southern approach to the railroad overpass bridge; 26 feet west of the center line of the Highway. A standard U.S.C. & G.S. Reference Mark disk, stamped "1", set in concrete 0.5 feet above ground level.
Elevation: 110.692 ft.
- RV 135 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the east side of State Highway Route #31, about 0.75 miles south of Belle Meade, at the north end of a concrete culvert headwall; 32.4 feet east of the center line of the Highway, 25.9 feet southwest of pole #PS-718-MT, and 200.0 feet north of the center line of the Griggstown Road. A monel metal rivet.
Elevation: 83.154 ft.

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- RV 134 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.45 miles southwest of Belle Meade, on top of and in the center of the balustrade of a concrete bridge over Crusier Brook. A monel metal rivet.
Elevation: 67.318 ft.
- MON 115 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the east side of State Highway Route #31, about 0.3 miles north of Harlingen; 26.7 feet east of the center line of the Highway and 28.0 feet south of pole #PS-893-MT. A standard U.S.C. & G.S. & S.S. disk, stamped "115", set in concrete 1.0 feet below ground level.
Elevation: 100.840 ft.
- MON 114 - HARLINGEN, SOMERSET COUNTY. At the southwest corner of the intersection of State Highway Route #31 and the Skillman Road; 30.0 feet west of the center line of the Highway, 39.0 feet south of the center line of Skillman Road, and 66.7 feet south of pole #PS-876-MT. A standard U.S.C. & G.S. & S.S. disk, stamped "114", set in concrete.
Elevation: 86.969 ft.
- RV 133 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.1 miles southwest of Harlingen, on top of and in the center of the concrete curb of the easterly balustrade of a bridge over a branch of Crusier Brook. A monel metal rivet.
Elevation: 82.016 ft.
- RV 132 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.3 miles southwest of Harlingen, on top of the northwestern "U" shaped concrete headwall of the driveway leading to E.C. Kennedy's house; 34.3 feet northeast of the center line of a dirt road, and 20.9 feet southeast of the center line of the Highway. A monel metal rivet.
Elevation: 106.119 ft.
- RV 131 - MONTGOMERY TOWNSHIP SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 6.1 miles northeast of Princeton, on top of the concrete curb of the balustrade of a bridge over Back Brook; 30.0 feet northwest of pole #PS-1615-MT, and 15.9 feet southeast of the northerly end of the balustrade. A monel metal rivet.
Elevation: 73.579 ft.

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- RV 130 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 5.8 miles northeast of Princeton, on top of an 8-inch concrete headwall of a culvert; 29.4 feet northwest of the center line of the Highway, 350.0 feet north of a Sunoco Gasoline Station, and 71.1 feet north of pole #PS-1620-MT. A monel metal rivet.
Elevation: 98.571 ft.
- RV 129 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the east side of State Highway Route #31, about 5.5 miles northeast of Princeton, on top of an 8-inch concrete headwall of a culvert; 31.8 feet east of the center line of the Highway, and 500.0 feet north of a Gasoline Station owned by C.M.Abrams. A monel metal rivet.
Elevation: 119.166 ft.
- MON 113-MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the west side of State Highway Route #31, about 5.4 miles northeast of Princeton; 23.8 feet west of the center line of the Highway, and 41.0 feet southeast of a steel sign marked "GULF". A standard U.S.C. & G.S. & S.S. disk, stamped "113", set in concrete 0.2 feet above the crown of the road.
Elevation: 118.119 ft.
- RV 128 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northeast side of State Highway Route #31, about 5.1 miles northeast of Princeton, on top of the northeastern headwall of a concrete culvert; 31.6 feet northeast of the center line of the Highway, and 550.0 feet southeast of the Forest Hill Gasoline Station. A monel metal rivet.
Elevation: 105.389 ft.
- MON 112-MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southwest side of State Highway Route #31, about 5.1 miles northeast of Princeton; 26.2 feet southwest of the center line of the Highway, and 33.2 feet southeast of the center line of Skillman Road. A standard U.S.C. & G.S. & S.S. disk, stamped "112", set in concrete flush with the ground.
Elevation: 94.221 ft.
- RV 127 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northeast side of State Highway Route #31, about 4.7 miles northeast of Princeton, on top of the northeastern balustrade of a bridge over Bedens Brook; 12.0 feet southerly of the northern end of the balustrade. A monel metal rivet.
Elevation: 58.181 ft.

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RV 126 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the north corner of the intersection of State Highway Route #31 and the Rocky Hill-Skillman Road, about 3.9 miles northeast of Princeton, in the south corner of the concrete curb of the sidewalk around the Standard Gasoline Station; 55.2 feet northeast of the center line of the Highway, and 54.3 feet northwest of the center line of the Rocky Hill-Skillman Road. A monel metal rivet.

Elevation: 130.779'

MON 111-MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the northwest side of State Highway Route #31, about 3.7 miles northeast of Princeton, and just north of a branch of the Millstone River; 14.9 feet northwest of the center line of the Highway, 12.2 feet north of the east-west center line of the bridge. A standard U.S.C. & G.S. & S.S. disk, stamped "111", set in concrete flush with the ground.

Elevation: 115.179 ft.

RV 125 - MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southwest side of State Highway Route #31, about 3.3 miles northeast of Princeton, in the top of the southwest balustrade of the concrete culvert over a branch of the Millstone River; 16.0 feet southwest of the center line of the Highway, and 38.0 feet northwest of pole #PS-463-MT. A monel metal rivet.

Elevation: 117.860 ft.

MON 110-MONTGOMERY TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 3.0 miles northeast of Princeton, just north of the intersection of the Rocky Hill-Mount Rose Road and the Highway; 39.0 feet southeast of the center line of the Highway, and 99.0 feet north of the Rocky Hill-Mount Rose Road. A standard U.S.C. & G.S. & S.S. disk, stamped "110", set in concrete 0.7 feet below ground level.

Elevation: 145.781 ft.

RV 124 - PRINCETON TOWNSHIP, MERCER COUNTY. On the southwest side of State Highway Route #31, about 1.9 miles northeast of Princeton, in the western bank of the Highway cut, on an outcrop of rock; 23.0 feet southwest of the center line of the Highway, and 33.0 feet northeast of pole #PS-609-PT. A monel metal rivet.

Elevation: 274.931 ft.

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- MON 109 - PRINCETON TOWNSHIP, MERCER COUNTY. On the southeast side of State Highway Route #31, about 1.7 miles northeast of Princeton; 19.0 feet southeast of the center line of the Highway, 103.2 feet northeast of the center line of Red Hill Road, and 242.0 feet southwest of the center line of Stony Brook. A standard U.S.C. & G.S. & S.S. disk, stamped "109", set in concrete 1.0 feet below ground level.
Elevation: 188.660 ft.
- MON 108 - PRINCETON TOWNSHIP, MERCER COUNTY. On the east side of State Highway Route #31, about 1.0 miles north of Princeton, just north of the Princeton Township Hill; 22.0 feet south of the south end of the east headwall of the culvert over a branch of Stony Brook, and 26.9 feet east of the center line of the Highway. A standard U.S.C. & G.S. & S.S. disk, stamped "108", set in concrete flush with the ground.
Elevation: 129.868 ft.
- RV 136 - PRINCETON, MERCER CO. At the northwest corner of the intersection of Bayard Lane (State Highway Route #31) and the Trenton-Princeton Trolley Tracks, set in the center of a concrete headwall of a culvert on the right-of way. A monel metal rivet.
Elevation: 140.218 ft.
- RV 123 - PRINCETON, MERCER CO. At the northwest corner of the intersection of Witherspoon St. and MacLean St., on the southeast corner of the first concrete step leading into the Colored Y.W.C. A. building, #183 Witherspoon St. A monel metal rivet.
Elevation: 185.646 ft.
- W 2 - PRINCETON, MERCER CO. On the campus of Princeton University, at the main entrance on the north side of Nassau Hall, in the capstone of the landing, 7 ft. east of the center of the landing, 8 inches out from the wall, and 2.33 ft. from the base of the bronze tiger on the east side of the entrance. A standard U.S.C. & G.S. -B.M. disk, stamped "W 2 1924".
Elevation: 218.622 ft.

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Tie Run in Somerville, Somerset County to
New Jersey Geological Survey Bench Marks.

MK. 440 - SOMERVILLE, SOMERSET COUNTY. On the door sill, close to the wall at the outermost edge of the door frame, at the west side of the right entrance door of the First Reformed Church.

Elevation: 81.982 ft.
(Disturbed)

MK. 441 - SOMERVILLE, SOMERSET COUNTY. On the outer edge at the north end of the stone door sill at the left side of the entrance to the Armory, opposite the Court House on Grove Street.

Elevation: 76.209 ft.

MK. 442 - SOMERVILLE, SOMERSET COUNTY. A cross on the outer east corner of the top step at the easterly entrance to the Second Reformed Church on Main Street. The cross is near the coping, and almost directly below the east corner at the tower.

Elevation: 71.230 ft.

LOCAL CONTROL SURVEY

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STARTING IN SOMERVILLE, SOMERSET CO. AT THE COUNTY COURT HOUSE, THENCE EASTERLY ALONG STATE HIGHWAY ROUTE #28 TO THE RARITAN RIVER IN BOUND BROOK, SOMERSET CO.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

- XIV - SOMERVILLE, SOMERSET CO. In the grounds of the County Court House, in the top of the true meridian monument of the State Surveys. The bottom of a circular cavity in the top of the granite monument. A U.S.C.&G.S.-B.M.
Elevation: 81.844 ft.
- RV 1319 - SOMERVILLE, SOMERSET CO. On the south corner of the intersection of Williams and Grove Streets, in the north corner of the base of the southwest rail of a bridge over Peters Brook. A monel metal rivet.
Elevation: 49.493 ft.
- MON 1309 - SOMERVILLE, SOMERSET CO. On the southwest side of Williams St, opposite its junction with Sycamore St., and in between the sidewalk and the curb; 2.80 ft. northwest of a drill hole in the concrete sidewalk, 2.56 ft. northeast of a drill hole in the concrete sidewalk, and 39.80 ft. southwest of pole #SV-60529. A standard U.S.C.&G.S.&S.S. disk, stamped "1309", set in concrete.
Elevation: 63.940 ft.
- MON 1308 - SOMERVILLE, SOMERSET CO. At the junction of State Highway Route #28, Williams St. and Gaston Ave., and on the south side of the Highway; 30.0 ft. south of the center line of Gaston Ave.; 1.10 ft. south of the inside edge of the concrete sidewalk; 2.44 ft. southwest of a drill hole in the sidewalk, 2.48 ft. southeast of a drill hole in the sidewalk, and 36.17 ft. north of the northwest corner of house #12. A standard U.S.C.&G.S.&S.S. disk, stamped "1308", set in concrete.
Elevation: 66.812 ft.
- RV 1315 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the south side of State Highway Route #28, about 1.4 miles east of the Somerset County Court House in Somerville, in the east end of a catch basin head at pole #246; 18.0 ft. south of the centerline of the Highway, and 92.0 ft. east of the centerline of Fifth Street. A monel metal rivet.
Elevation: 91.632 ft.

LOCAL CONTROL SURVEY

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STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKS

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- RV 1317 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the south side of State Highway Route #28, about 1.7 miles east of the Somerset County Court House in Somerville, in the east end of a catch basin head; 18.0 ft. south of the center line of the Highway; and 12.0 ft. south of pole #PB-2552-BWT. A monel metal rivet.
Elevation: 80.595 ft.
- RV 1316 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the east side of Finderne Ave, about 2.1 miles east of the Somerset Co. Court House in Somerville, in the south end of the door sill of the main entrance to the Finderne School; 300.0 ft. south of State Highway Route #28. A monel metal rivet.
Elevation: 100.347 ft.
- MON 1307 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the southeast side of State Highway Route #28, about 1.4 miles west of Bound Brook city limits, just northeast of the junction of the Highway and the Manville-Finderne Road; 12.20 ft. southeast of the edge of the pavement; 43.27 ft. northeast of pole #212, and 290.30 ft. northeast of the center line of the Manville-Finderne Road. A standard U.S.C.&G.S.&S.S. disk, stamped "1307", set in concrete flush with the ground.
Elevation: 86.723 ft.
- RV 1315 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the southeast side of State Highway Route #28, about 1.1 miles west of Bound Brook city limits, in the southeast abutment of a bridge over Main Cocksels Brook. A monel metal rivet.
Elevation: 53.338 ft.
- MON 1306 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the northwest side of State Highway Route #28, about 0.95 mile west of Bound Brook city limits, and opposite Parks Service Sta.; 11.43 ft. northwest of the edge of the pavement; and 3.37 ft. east of pole #722-BWT; A standard U.S.C.&G.S.&S.S. disk, stamped "1306", set in concrete flush with the ground.
Elevation: 74.112 ft.
- RV 1314 - BRIDGEWATER TOWNSHIP, SOMERSET CO. On the southeast side of State Highway Route #28, about 0.7 mile west of Bound Brook City limits, in the northeast corner of the southeast headwall of a bridge over the East Branch of Cocksels Brook. A monel metal rivet.
Elevation: 65.661 ft.

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- RV 1313 - BOUND BROOK, SOMERSET CO. On the south side of State Highway Route #28, in the bottom of the lowest step of the south abutment of the bridge over Main Middle Brook. A monel metal rivet.
Elevation: 56.769 ft.
- RV 1312 - BOUND BROOK, SOMERSET CO. On the southwest corner of the junction of State Highway Route #28 and Voseller Ave., in the concrete base of a State Highway Directory. A monel metal rivet.
Elevation: 55.293 ft.
- MON 1305 - BOUND BROOK; SOMERSET CO. On the southeast corner of the intersection of State Highway Route #28 and Livingston Ave., near the Methodist Church, and between the sidewalk and the curb. 1.35 ft. south of the south curb of the Highway, and 49.84 ft. east of the east curb of Livingston Ave. A standard U.S.C.&G.S.&S.S. disk, stamped "1305", set in concrete flush with the ground.
Elevation: 47.951 ft.
- RV 1311 - BOUND BROOK, SOMERSET CO. On the northwest corner of the intersection of State Highway Route #28 and Windsor St., on the southwest corner of the door sill of the western entrance of the Washington School. A monel metal rivet.
Elevation: 51.980 ft.
- MON 1304 - BOUND BROOK, SOMERSET CO. On the northeast corner of the intersection of State Highway Route #28 and Church St., in front of house #5 Union Ave., and between the sidewalk and the curb. 1.52 ft. north of the north curb of the Highway and 36.2 ft. east of the east curb line of Church St. A standard u.s.c.&g.s.&s.s. disk, stamped "1304", set in concrete flush with the ground.
Elevation; 57.529 ft.
- RV 1310 - BOUND BROOK, SOMERSET CO. On the northwest corner of the intersection of State Highway Route #28 and Mountain Ave., in the southwest corner of the door sill of the southwest entrance of the Bound Brook Presbyterian Church. A monel metal rivet.
Elevation: 53.594 ft.

LOCAL CONTROL SURVEY
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DESCRIPTION OF BENCH MARKS

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- RV 1309 - MIDDLESEX BORO, MIDDLESEX CO. On Raritan Ave., just south of its intersection with Union Ave., in the east spandrel beam of the concrete bridge over Green Brook; 7.0 ft. south of the north end of the beam. A monel metal rivet.
Elevation: 29.702 ft.
- XIII - BOUND BROOK, SOMERSET CO. At the road bridge over the Raritan River and Canal and on the west end of the north abutment. The bottom of a chiseled square flanked by the letters "B.M." cut in the stone. U.S.C.&G.S.-B.M.
Elevation: 10.901 meters or 35.764 ft.
- MK 436 - Bound BROOK, SOMERSET CO. On the outer edge at the east end of the stone door sill of the First National Bank building on Main St. A cross cut. N.J.G.S.-B.M.
Elevation: 32.027 ft.
- MK 439 - BOUND BROOK, SOMERSET CO. On the outer southwest corner of stone door sill on the right side of the entrance to St. Joseph's Church, at the southwest corner of Mountain Ave. and East Second St. A cross cut. N.J.G.S.-B.M.
Elevation: 39.676 ft.

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BEGINNING IN FRANKLIN TOWNSHIP, SOMERSET COUNTY, AT THE NORTHEAST CORNER OF THE INTERSECTION OF STATE HIGHWAY ROUTE # 27 AND THE RARITAN LANDING ROAD, THENCE WESTERLY ON AMWELL ROAD TO ITS JUNCTION WITH STATE HIGHWAY ROUTE #31 AT WOODS TAVERN, HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY, AND INCLUDING SPUR RUNS TO TRIANGULATION STATIONS FELAUER, MUS, AND RAFF.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U. S. COAST AND GEODETIC SURVEY.

- RV 213 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of State Highway Route #27, about 2.5 miles west from George and Albany Sts. New Brunswick, in the east end of the north retaining wall of a culvert; 0.1 ft. north of the south edge of the retaining wall, 0.2 ft. west of the east end of the retaining wall, and 9.1 ft. west of pole #PS-531-FLN. A monel metal rivet.
Elevation: 97.959 ft.
- MON. 198 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast corner of the intersection of Raritan Landing and Amwell Roads, about 1.8 miles southwest of the intersection of Easton Ave. and Hamilton St. in New Brunswick, and diagonally opposite the Hillcrest Sanitarium; 17.0 ft. south of the centerline of Amwell Road, and 65.0 ft. east of pole #60267. A standard U.S.C.&G.S.&S.S. disk, stamped "198" set in concrete flush with the ground.
Elevation: 121.140 ft.
- MON. 199 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the south side of Amwell Road, about 2.1 miles southwest of the intersection of Easton Avenue and Hamilton St. in New Brunswick; 11.5 ft. south of the centerline of the road, and 84.0 ft. east of pole #FL-60281. A standard U.S.C.&G.S.&S.S. disk, stamped "199" set in concrete 0.3 ft. below edge of the pavement level.
Elevation: 125.287 ft.
- FELAUER - FRANKLIN TOWNSHIP, SOMERSET COUNTY On the north side of Amwell Road, about 2.35 miles southwest of the intersection of Easton Ave. and Hamilton St. in New Brunswick, on the property of I. Probst Grocery Store; 159.0 ft. northeast of the corner of the store, 224.0 ft. north of the centerline of the road; 12.0 ft. south of the garden fence, and 109.0 ft. west of the center line of an old road. A standard U.S.C.&G.S. Triangulation Station disk, stamped "Felauer" set in concrete 3 inches above ground level
Elevation: 128.544 ft.

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- RV 1746 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the south side of Anwell Road, about 1.7 miles east of its junction with the Franklin Park Road in Middlebush, on top of the northwest end of a gasoline pump island of K. Heintz; 0.5 feet from the northwest corner of the island. A monel metal rivet, set in concrete 0.5 feet above ground level.
Elevation: 121.506 ft.
- MON 1716-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of Anwell Road, about 1.3 miles east of its junction with the Franklin Park Road in Middlebush; 12.35 feet north of the center line of the road, 62.00 feet west of the prolonged west house line of the Angelone residence, and 25.42 feet west of pole #PS-60329-FL. A standard U.S.C. & G.S. & S.S. disk, stamped "1716", set in concrete 0.4 feet below ground level.
Elevation: 125.800 ft.
- MON 1717-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of Anwell Road, about 1.0 miles east of its junction with the Franklin Park Road in Middlebush, and opposite the house of M. Stotchik; 11.0 feet north of the center line of the road, 37.0 feet northeast of pole #PSE-30642-FL, and 38.4 feet northwest of the center of the eastern stone post of the driveway to the above house. A standard U.S.C. & G.S. & S.S. disk, stamped "1717", set in concrete 0.5 feet below ground level.
Elevation: 121.561 ft.
- MON 1718-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the south side of Anwell Road, about 0.3 miles east of its junction with the Franklin Park Road in Middlebush; 12.30 feet south of the center line of the road, 110.90 feet east of the prolonged east wall line of the house of Elton Wade across the road, 12.92 feet east of pole #PS-60810-FL, and 116.10 feet west of pole #PS-60809-FL. A standard U.S.C. & G.S. & S.S. disk, stamped "1718", set in concrete 0.4 feet below ground level.
Elevation: 115.603 ft.
- MON 1719-MIDDLEBUSH, SOMERSET COUNTY. On the southwest corner of the junction of Anwell and Franklin Park Roads, in front of the Middlebush Reformed Church; 18.40 feet west of the center line of Franklin Park Road, 79.71 feet southeast of the northeast corner of the church, and 88.40 feet northeast of the southeast corner of the church. A standard U.S.C. & G.S. & S.S. disk, stamped "1719", set in concrete 0.1 feet above ground level.
Elevation: 114.319 ft.

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RV 1749 - MIDDLEBUSH, SOMERSET COUNTY. On the north side of Amwell Road, about 0.1 miles west of its junction with the Franklin Park Road in Middlebush, in the door sill of the main entrance to Middlebush School; 0.4 feet from the southeast corner of the sill. A monel metal rivet, set in concrete.

Elevation: 116.576 ft.

RV 1750 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of Amwell Road, about 0.4 miles west of its junction with the Franklin Park Road in Middlebush, on the top of a concrete culvert wingwall; 0.5 feet east of the west end of the north wingwall, 55.0 feet southwest of pole #PS-2533-FLN, and 60.0 feet southeast of pole #PS-2534-FLN. A monel metal rivet, set in concrete 2.0 feet above ground level.

Elevation: 115.733 ft.

MON 1720 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the northwest side of Amwell Road at a sharp curve, about 0.65 miles west of its junction with the Franklin Park Road in Middlebush; 58.70 feet northwest of the center line of the road, 30.84 feet northeast of the southeast corner of A. Alberico's house, and 32.51 feet southeast of the northeast corner of the same house. A standard U.S.C. & G.S. & S.S. disk, stamped "1720", set in concrete 0.1 feet below ground level.

Elevation: 117.915 ft.

MON 1721 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the south side of Amwell Road at a curve, about 0.95 miles west of its junction with the Franklin Park Road in Middlebush; 21.28 feet south of the center line of the road, 44.40 feet south of pole #AT&T-1088, 32.01 feet west of pole #PS-2549-FLN, and 221.20 feet south of the center line of the Pennsylvania Railroad tracks crossing the road. A standard U.S.C. & G.S. & S.S. disk, stamped "1721", set in concrete 0.4 feet below ground level.

Elevation: 106.538 ft.

MON 1722 - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of Amwell Road, about 1.4 miles west of its junction with the Franklin Park Road in Middlebush, and in front of the house of K. Trushko; 14.20 feet north of the center line of the road, 50.70 feet south of the southeast corner of the house, 31.19 feet west of pole #1111, and 81.09 feet east of pole #1112. A standard U.S.C. & G.S. & S.S. disk, stamped "1722", set in concrete 0.7 feet below ground level.

Elevation: 115.168 ft.

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DESCRIPTION OF BENCH MARKS

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SPUR RUN FROM MON 1722 TO TRIANGULATION STATION MUS

MON 4703-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the southeast corner of the intersection of a farm lane and a side road which intersects the Anwell Road about 1.75 miles east of the Causeway in East Millstone, and about 0.45 miles south of Anwell Road; 14.5 feet east of the center line of the side road, 23.3 feet southeast of the intersection of the center line of the farm lane and the road, and 45.3 feet southeast of pole #60709-FL. A standard U.S.C. & G.S. Reference Mark disk, stamped "MUS AZIMUTH 1933", set in concrete 0.75 feet above ground level.

Elevation: 118.045 ft.

MUS - FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the property of Tony Muscianesa, on a side road which intersects the Anwell Road about 1.75 miles east of the Causeway in East Millstone, and about 0.2 miles south of Anwell Road; 77.0 feet south of the barn, 26.0 feet west of the chicken coop, 25.0 feet south of the cornerrib, 43.0 feet south of a road leading west to the fields, and 97.0 feet southwest of the well pump. A standard U.S.C. & G.S. Triangulation Station disk, stamped "MUS 1933", set in concrete flush with the ground.

Elevation: 122.921 ft.

END OF SPUR RUN FROM MON 1722 TO TRIANGULATION STATION MUS

MON 1723-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the south side of Anwell Road, about 1.7 miles west of its junction with Franklin Park Road in Middlebush; 7.00 feet east of the prolonged center line of Elizabeth Avenue, 13.65 feet south of the center line of the Road, 59.10 feet southwest of pole #1121, and 70.10 feet southeast of pole #1122. A standard U.S.C. & G.S. & S.S. disk, stamped "1723", set in concrete 0.4 feet below ground level.

Elevation: 99.965 ft.

MON 1795-FRANKLIN TOWNSHIP, SOMERSET COUNTY. On the north side of Anwell Road, about 2.0 miles west of its junction with Franklin Park Road in Middlebush; 13.5 feet north of the center line of the Road, 36.8 feet northeast of pole #1136, and 115.7 feet northwest of pole #1137. A standard U.S.C. & G.S. & S.S. disk, stamped "1795", set in concrete 0.4 feet below ground level.

Elevation: 89.244 ft.

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MON 1724-EAST MILLSTONE TOWNSHIP, SOMERSET COUNTY. On the north side of Anwell Road, about 0.5 miles east of East Millstone; 12.8 feet north of the center line of the Road, 36.9 feet south-west of a tree on the opposite side of a driveway, and 17.6 feet east of a tree on the lawn of Howard DeMott. A standard U.S.C. & G.S. & S.S. disk, stamped "1724", set in concrete 0.7 feet below ground level.

Elevation: 75.892 ft.

MON 1725-EAST MILLSTONE TOWNSHIP, SOMERSET COUNTY. On the south side of Anwell Road, about 0.2 miles east of East Millstone; 12.15 feet south of the center line of the Road, 32.83 feet east of pole #FL-195, and 66.31 feet southeast of an old style fire alarm. A standard U.S.C. & G.S. & S.S. disk, stamped "1725", set in concrete 0.5 feet below ground level.

Elevation: 44.797 ft.

MON 1799-EAST MILLSTONE, SOMERSET COUNTY. On the north side of Anwell Road, in the northeast end of the Causeway over the Millstone River; 8.37 feet west of the second light standard from the east end of the Causeway, 26.76 feet north of the north corner of the second light standard from the east end of the Causeway on the south side of the Road, and 1.11 feet north of the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "1799", set in concrete.

Elevation: 43.540 ft.

SPUR RUN FROM MON 1799 TO TRIANGULATION STATION RAFF

MK 4718 - MILLSTONE, SOMERSET COUNTY. On the east side of Blackwell's Mills Road, about 0.14 miles north of its junction with Anwell Road, and in the Millstone Public School yard; 45.6 feet east of a 24-inch Cherry tree, 49.5 feet east of the center line of a hedge row of small trees, and 103.6 feet east of the northeast corner of the School. A standard U.S.C. & G.S. Reference Mark disk, stamped "RAFF AZIMUTH 1933", set in concrete 1.0 feet above ground level.

Elevation: 89.266 ft.

RAFF - MILLSTONE, SOMERSET COUNTY. On the east side of Blackwell's Mills Road, about 0.25 miles north of its junction with Anwell Road, and on the property of Mary Raffanello, continue on the driveway past the barn; 12.0 feet southeast of the southeast corner of a hen house (most easterly of a group of buildings), 50.0 feet south of the center line of the lane leading east from the barn, and 35.0 feet south of the first tree east of the building. A standard U.S.C. & G.S. Triangulation Station disk, stamped "RAFF 1933", set in concrete 8 inches above ground level.

Elevation: 97.388 ft.

END OF SPUR RUN FROM MON 1799 TO TRIANGULATION STATION RAFF

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DESCRIPTION OF BENCH MARKS

- MON 1796 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the west side of Blackwell's Mills Road, at its junction with New Amwell Road, about 0.4 miles north of Millstone; 20.0 feet west of the center line of Blackwell's Mills Road, 33.13 feet north of an unnumbered pole, and 13.97 feet southeast of pole #437-HBT. A standard U.S.C. & G.S. & S.S. disk, stamped "1796", set in concrete 0.5 feet below the crown of the road.
Elevation: 95.369 ft.
- MON 1726 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the south side of New Amwell Road, about 0.5 miles northwest of Millstone; 6.0 feet south of the center line of the road, 30.0 feet east of the prolongation of a row of trees on the north side of the road, and 575.0 feet west of the center line of Blackwell's Mills Road. A standard U.S.C. & G.S. & S.S. disk, stamped "1726", set in concrete 1.0 feet below the crown of the road.
Elevation: 95.560 ft.
- MON 1727 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the north side of New Amwell Road, about 0.7 miles northwest of Millstone; 6.0 feet north of the center line of the road, 47.0 feet east of the east end of a concrete block over a road culvert, and 30.0 feet west of a hedge row on the north side of the road. A standard U.S.C. & G.S. & S.S. disk, stamped "1727", set in concrete 1.0 feet below the crown of the road.
Elevation: 80.839 ft.
- DK 1794 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the south side of New Amwell Road, about 1.0 miles northwest of Millstone; 14.0 feet south of the center line of the road, and 12.0 feet west of a row of small trees marking a property line. A standard U.S.C. & G.S. & S.S. disk, stamped "1794-D", set in concrete.
Elevation: 88.525 ft.
- MON 1728 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the south side of New Amwell Road, about 1.5 miles northwest of Millstone; 6.0 feet south of the center line of the road, 14.5 feet north of a Cherry tree, 63.0 feet northwest of a Cedar tree, and 400.0 feet east of the lane to "Villa Ferenzi". A standard U.S.C. & G.S. & S.S. disk, stamped "1728", set in concrete 1.0 feet below the crown of the road.
Elevation: 93.309 ft.

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- MON 1729 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the south side of New Amwell Road, about 1.75 miles northwest of Millstone; 6.0 feet south of the center line of the road, 46.1 feet southwest of pole #30144-HBT, 88.0 feet southeast of pole #30145-HBT, and 550.0 feet west of a dirt road to Somerville. A standard U.S.C. & G.S. & S.S. disk, stamped "1729", set in concrete level with the crown of the road.
Elevation: 91.060 ft.
- RV 1752 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southwest side of New Amwell Road, about 1.9 miles northwest of Millstone, at the Hamilton station of the Philadelphia & Reading Railroad, in the southwest corner of the water table. A monel metal rivet, set in concrete 1.0 feet above ground level.
Elevation: 70.041
- RV 1753 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast side of the tracks of the Philadelphia & Reading Railroad, about 2.1 miles northwest of Millstone, in the top of the northeast corner of a concrete signal tower foundation; 1050.0 feet south of Hamilton station. A monel metal rivet, set in concrete 2.0 feet above track level.
Elevation: 66.949 ft.
- RV 1754 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the north side of New Amwell Road, about 2.3 miles northwest of Millstone, in the northwest end of a concrete bridge over a branch of Royse's Brook, and in the base of a concrete guard rail; 4.0 feet east of the west end. A monel metal rivet, set in concrete 0.5 feet above the crown of the road.
Elevation: 51.548 ft.
- RV 1755 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.7 miles northeast of its intersection with Old Amwell Road in Woods Tavern, in the southeast corner of a concrete road culvert; 8.0 feet northeast of the southwest end of the culvert. A monel metal rivet, set vertically 4.5 feet below the crown of the road.
Elevation: 75.912 ft.
- MON 1314 - HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY. On the southeast side of State Highway Route #31, about 0.2 miles southwest of Woods Tavern; 14.79 feet southwest of pole #HM-99, 21.70 feet southeast of the edge of the pavement, 25.82 feet northeast of a chiseled crowfoot near the edge of pavement slab #38, and 25.29 feet south of another chiseled crowfoot near the edge of pavement slab #38. A standard U.S.C. & G.S. & S.S. disk, stamped "1314", set in concrete.
Elevation: 113.786 ft.

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DESCRIPTIONS OF BENCH MARKS

- Mk 436 - MILLSTONE-EAST, A triangle on the southwest corner of a stone supporting south gatepost at the entrance to N.J. Wilson's brick residence, south of Thatcher's drug store, at easterly corner of Market St. and Railroad Ave. A triangle. N.J.G.S.-B.M.
Elevation: 45.343 ft.
- MK.437 - MILLSTONE-EAST, SOMERSET CO. Top of stone set as a corner of lands owned by the Delaware and Raritan Canal Company, about 60 ft. north of canal bridge, and 50 ft. east of the easterly edge of the canal near the bridgetender's residence. N.J.G.S.-B.M.
Elevation: 42.972 ft.

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STARTING AT MANVILLE, SOMERSET COUNTY, AT THE MANVILLE PUMPING STATION, THENCE SOUTHERLY ALONG THE RARITAN RIVER ROAD (CO. RTE. #16) TO THE TUSCARORA OIL CO. ROAD, HILLDBOROUGH TOWNSHIP, SOMERSET COUNTY.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

RV 4712 - MANVILLE BORO., SOMERSET CO. On the north side of Raritan River Road about 0.30 mile west of Blackwell's Mills Road. At the southeast corner of the Manville Pumping Station, in the south face of foundation 2.0 ft. from east end; 1.00 ft. above ground. A slotted monel metal rivet set horizontally in cement mortar.

Elevation: 44.352 ft.

MON. 1783 -BORO. OF MANVILLE;SOMERSET CO. Just south of the River Road, on the east side of the street and 0.70 ft. below ground. 23.50 ft. east of the centerline of Main St.; 10.60 ft. north of the north end of a C.I. catch basin frame; 63.00 ft. southeast of pole #PS-26-MV. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and stamped "1783".

Elevation: 47.348 ft.

MON. 1782 -BORO. OF MANVILLE, SOMERSET CO. On Main St., about on the prolonged center line of South St., on the east side of the street and 0.30 ft. below ground. 23.70 ft. east of the centerline of Main St.; 57.50 ft. northeast of the center of a fire hydrant; and 55.30 ft. southwest of the southwest corner of the building of Fire Co. #1. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and stamped "1782".

Elevation: 51.359 ft.

DK 4702 - MANVILLE, SOMERSET CO. On the west side of Blackwell's Mills Road (Co. Rd. #16) about 0.8 mile south of Lehigh Valley Rr. In the face of the concrete abutment of the Phila. and Reading RR. 3.00 ft. from the north end of abutment and 3.10 ft. above the road. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "D-4702".

Elevation: 40.536 ft.

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- RV 4710 - BORO. OF MANVILLE, SOMERSET CO. On the south side of Canal Road (Co. Rte. #27) about 0.10 mile east from Blackwell's Mills Road., at the southwest corner of a steel girder bridge over Millstone River. In the top of the west foundation back wall; 0.50 ft. from the south face and 0.40 ft. from the east face of wall. 11.00 ft. from the centerline of bridge. A monel metal rivet set in cement mortar.
Elevation: 36.200 ft.
- RV 4717 - HILLSBOROUGH TOWNSHIP, SOMERSET CO. On the northwest side of Co. Road #16 about 1.85 miles south from Raritan River Road at Manville. In the top of a concrete culvert headwall; in the center of wall 1.00 ft. from the south end. A monel metal rivet.
Elevation: 41.277 ft.
- RV 4719 - HILLSBOROUGH TOWNSHIP, SOMERSET CO. On the northwest side of Co. Road #16. about 2.30 miles from Raritan River Road in Manville. In the center of wall 2.00 ft. from the south end. A monel metal rivet.
Elevation: 39.995 ft.
- MON. 1796 -HILLSBOROUGH TOWNSHIP, SOMERSET CO. About 0.4 miles from the west end of the Millstone River bridge in Millstone Boro, on Somerset Co. Road #16 at its intersection with the Tuscorora Oil Co. Road. 0.5 ft. below the crown of the road. 20.0 ft. west of the centerline of Somerset Co. Road #16; 33.13 ft. north of an unnumbered pole; and 13.97 ft. southeast of pole #437-HBT. A standard U.S.C.&G.S.&S.S. disk, set in concrete and stamped "1796".
Elevation: 95.369 ft.

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STARTING AT HILLSBOROUGH TOWNSHIP, SOMERSET COUNTY, AT STATE HIGHWAY ROUTE #31 AND RARITAN RIVER ROAD; THENCE EASTERLY ALONG RARITAN RIVER ROAD, NORTHERLY ON BLACKWELL'S MILLS ROAD TO FIN - DERNE SCHOOL, BRIDGEWATER TOWNSHIP, SOMERSET CO.

STANDARD ELEVATIONS, IN FEET ABOVE MEAN SEA LEVEL, BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST AND GEODETIC SURVEY.

- MON. 1310 - HILLSBOROUGH TOWNSHIP, SOMERSET CO. On the west side of State Highway Route #31, about 1.4 miles south of the Somerset Co. Court House in Somerville; 52.61 ft. southwest of an iron pipe property monument, 53.65 ft. north of pole #PS-336-HBT; and 70.78 ft. south of pole #PS-336-HBT. A standard U.S.C.&G.S.&S.S. disk, stamped "1310", set in concrete flush with ground.
Elevation: 55.851 ft.
- RV 4713 - HILLSBOROUGH TOWNSHIP, SOMERSET CO. West of Manville. On the north side of Raritan River Road about 0.60 mile east from N.J.S. Highway Route #31 at the west end of a concrete culvert headwall; in the top at the center of wall, 2.00 ft. from west end; and 2.50 ft. from ground. A monel metal rivet.
Elevation: 44.772 ft.
- RV 4712 - BORO. OF MANVILLE, SOMERSET CO. On the north side of Raritan River Road about 0.30 mile west of Blackwell's Mills Road; at the southeast corner of the Manville Pumping Station, in the south face of foundation 2.00 ft. from east end; and 1.00 ft. above ground. A slotted monel metal rivet set horizontally in cement.
Elevation: 44.352 ft.
- RV 4714 - BORO. OF MANVILLE, SOMERSET CO. On the west side of Blackwell's Mills Road (Co. Rte. #16) about 0.40 mile north of the junction of River Road; in the southwest corner of the concrete bridge over the Raritan River. Set in the top of the foundation; 1.30 ft. from the angle at wing wall; 8.50 ft. from face of curb. A monel metal rivet.
Elevation: 41.085 ft.

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- RV 4715 - BRIDGEWATER TOWNSHIP, SOMERSET COUNTY. On the west side of Blackwell's Mills Road, about 0.70 mile south of N.J.S.H. Rte. #28; in the northwest corner of a steel bridge (foundation) over the Central RR of N.J. In the top of the north end wall at the west end; 0.25 ft. from the south edge and 0.25 ft. from the east edge. A monel metal rivet.
Elevation: 94.980 ft.
- MON 1785 - FINDERNE, BRIDGEWATER TOWNSHIP, SOMERSET COUNTY. About 1.85 miles east of the Somerville Court House, at the intersection of Co. Rtes #2 and #16, on the southeast corner and 0.50 ft. below ground. 27.00 ft. south of the center line of County Route #2; 30.00 ft. east of the center line of County Rte. #16; 55.70 ft. east of pole #PS-421-BWT. A standard U.S.C.&G.S.& S.S. disk, set in concrete and stamped "1785".
Elevation: 86.502 ft.
- MON. 1784 - FINDERNE, BRIDGEWATER TOWNSHIP, SOMERSET COUNTY. About 1.50 miles east of the Somerville Court House, on Co. Route #2, on the north side of the road and 1.00 ft. below ground. 78.00 ft. west of the center line of a lane; 18.75 ft. north of the centerline of County Route #2 and 48.25 ft. north of a pole #61377-BWT. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and stamped "1784".
Elevation: 92.179 ft.
- RV 1316 - BRIDGEWATER TOWNSHIP, SOMERSET COUNTY. On the east side of Finderne Ave, about 2.1 miles east from the Somerset County Court House in Somerville, in the south end of the door sill of the main entrance to the Finderne School; 300.0 ft. south of State Highway Route #28. A monel metal rivet.
Elevation: 100.347 ft.

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DESCRIPTION OF BENCH MARKS

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STARTING IN MANNVILLE, SOMERSET CO., AT THE MILLSTONE RIVER AND CANAL ROAD RUNNING EAST ON CANAL ROAD TO ROUTE #27 SOUTH ON ROUTE #27, EAST ALONG A DIRT ROAD ABOUT 1.5 MILES, NORTH ON ANOTHER DIRT ROAD ABOUT 1.0 MILE EAST AND THEN NORTH FOR ABOUT 2 MILES TO COUNTY ROUTE #27, SOUTHWEST ON COUNTY ROUTE #27 TO ZAREPHATH, FRANKLIN TOWNSHIP, SOMERSET CO.

STANDARD ELEVATIONS ABOVE MEAN SEA LEVEL BASED ON THE 1929 GENERAL ADJUSTMENT OF THE FIRST ORDER LEVEL NET OF THE U.S. COAST & GEODETIC SURVEY.

- RV 4710 - BORO. OF MANNVILLE, SOMERSET CO. On the south side of Canal Road, at the Millstone River bridge in the top of the west foundation back wall, 0.50 ft. from the south face, and 0.40 ft. from the east face of wall, 11. ft. south of the centerline of road. A standard monel metal rivet.
Elevation: 36.200 ft.
- MON 1780 - WESTON, FRANKLIN TOWNSHIP, SOMERSET CO. On the east side of Canal Road, opposite the Canal Bridge. 6.70 ft. east of centerline of road; 16.80 ft. southwest of pole #PS-2489-FL; 57.50 ft. southeast of pole #PS-2496-FL. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1780" set in concrete monument 6 inches below ground.
Elevation: 43.816 ft.
- MON 1779 - FRANKLIN TOWNSHIP, SOMERSET CO. On the south side of a dirt road just east of Canal Road and about 0.50 miles south of the Canal Bridge at Weston. 28.30 ft. northwest of pole #PS-3007-FL; 115.70 ft. north of the northwest corner of E.T. Smith's house. A standard U.S.C.&G.S.&S.S. disk, stamped "1779" set in concrete 0.30 ft. below ground.
Elevation: 41.674 ft.
- MON 1778 - FRANKLIN TOWNSHIP, SOMERSET CO. On the south side of a dirt road about 0.30 mile east of its intersection with Canal Road, said intersection point being about 0.50 mile south of the Canal Bridge at Weston. 9.40 ft. northwest of a 16 inch Hickory tree; 36.30 ft. southwest of pole #PS-3014-FL; 100.70 ft. southeast of pole #PS-3013-FL. A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped "1778" 1.0 ft. below ground.
Elevation: 72.849 ft.

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- COVERT** - FRANKLIN TOWNSHIP, SOMERSET CO. About $1\frac{1}{2}$ miles north of East Millstone on or near the property of A.S. Covert. About 56. ft. southwest of the southwest corner of Covert's house. About 59.0 ft. northwest of a power line pole #2699. A standard U.S.C.&G.S. Triangulation disk, stamped "Covert" set in a concrete monument 10 inches below the ground.
Elevation: 98.779 ft.
- RV 1709** -FRANKLIN TOWNSHIP, SOMERSET COUNTY On the south side of a dirt cross road leading southeast of a point in Co. Road #27 a distance of 1700 ft. from the Canal Bridge in Weston to Co. Road #28. At a bend in dirt road at McCheakys Nurseries about 0.5 mile from Co. Road #27 and about 1.0 mile from Millstone River Bridge at Mannville. 19.50 ft. north of a blazed cherry tree; 27.60 ft. southwest of the intersection of the two dirt roads. A standard monel metal rivet set in the top of a concrete monument 0.20 ft. above ground.
Elevation: 78.568 ft.
- Mon 4700** - FRANKLIN TOWNSHIP, SOMERSET CO. On a dirt road leading southeast from Co. Rte. #27 at a point .32 miles north of the Canal Bridge in Weston, and about 1.55 miles east of Millstone River and in the centerline of a road leading to East Millstone. 21.20 ft. south of the north fence line of the east-west road; and 268. ft. west of the west line of an imitation brick house. A standard U.S.C.&G.S.&S.S. disk, stamped "4700" set in a concrete monument.
Elevation: 82.876 ft.
- MON 4701** - FRANKLIN TOWNSHIP, SOMERSET CO. In the south side of a dirt road leading southeast from Co. Rte. #27 at a point 0.32 mile north of Canal Bridge in Weston, and about 1.80 miles east of the Millstone River. 8.50 ft. north of south fence line; 482 ft. east of the east line of a white house. A standard U.S.C.&G.S. S.S. disk, stamped "4701" set in concrete.
Elevation: 93.445 ft.
- MON 1787** - FRANKLIN TOWNSHIP, SOMERSET CO. On the east side of a dirt road leading south from Co. Rte. #27 at a point about 1.85 miles northeast of Canal bridge in Weston. 0.65 mile south of Co.Rte. #27 11.90 ft. west of the center one of three small cedar trees; 377.34 ft. south of the prolonged centerline of the driveway to Rosedale Farm. A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped "1787".
Elevation: 71.890 ft.

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DESCRIPTION OF BENCH MARKS

- MON 1788 - FRANKLIN TOWNSHIP, SOMERSET CO. On a dirt road leading south from Co. Rte. #27 at a point about 1.85 miles northeast of the Canal Bridge in Weston; 0.30 mile south of Co. Rte. #27; 3. ft. east of centerline of dirt road; 124.20 ft. southeast of pole #PS-2659-FL; 125.10 ft. northeast of pole #PS-2660-FL; 59.96 ft. northeast of triangulation station "Zare". A standard U.S.C.&G.S.&S.B. disk, set in concrete stamped "1788". Elevation: 77.602 ft.
- ZARE - FRANKLIN TOWNSHIP, SOMERSET CO. On the property of the Pillar of Fire Boys Home, and 59.96 ft. southwest of monument #1788. A standard U.S.C.&G.S. Triangulation Station disk, stamped "ZARE 1932", set in concrete Mon. Elevation: 77.353 ft.
- RV 1760 - FRANKLIN TOWNSHIP, SOMERSET CO. On the south side of Col Road #27 about 1.20 miles northeast of the Canal Bridge at Weston in the northwest foundation to a water tank at house of F.D. Randolph. 0.55 ft. east of the most westerly corner of foundation. A standard monel metal rivet, set 0.80 ft. above ground. Elevation: 54.529 ft.
- RV 1751 - FRANKLIN TOWNSHIP, SOMERSET CO. On the north side of Co. Road #27 about 0.60 mile northeast of the Canal Bridge at Weston. In the top of the foundation wall of bridge tender's house. 1.95 ft. northeast of the west side of house; 32.15 ft. northwest of the centerline of road. A standard monel metal rivet set 1.50 ft. above ground. Elevation: 43.129 ft.
- MON 1781 - ZAREPHATH, FRANKLIN TOWNSHIP, SOMERSET CO. On the west side of Canal Road (Co. Road #27) about 225.0 ft. south of the centerline of a dirt road running east. About 1300. ft. north of the Canal Bridge at Weston. 97.20 ft. northwest of pole #PS-2605-FL; 36.0 ft. southwest of pole #PS-2494-FL. A standard U.S.C.&G.S. &S.B. disk, stamped "1781" set in concrete. Elevation: 39.032 ft.

