

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

C. P. WILBER, Director

BULLETIN 48

Geologic Series

NEW JERSEY
GEODETIC CONTROL SURVEY
BENCH MARKS
IN BERGEN AND HUDSON COUNTIES

Elevations and descriptions of 746 bench marks established in Bergen and Hudson Counties, including several in Essex, Passaic, and Union Counties. The bench marks included form the Hud-Ber Level Net.



Published 1939

Division of Geology and Topography

BOARD OF CONSERVATION AND DEVELOPMENT
State House Annex, Trenton, N. J.

Henry L. Moeller, President Millburn
Arthur J. Collins, Jr. Moorestown
William C. Cope Glen Ridge
Harry A. Derby Montclair
W. Stewart Hollingshead Riverton
Charles A. Meyer Andover
H. Arthur Smith Lawrenceville
Owen Winston Mendham

Charles P. Wilber, Director and State Forester
Meredith E. Johnson, State Geologist

WORKS PROGRESS ADMINISTRATION

Robert W. Allan, State Administrator
Elizabeth C. D. Vann, Director of W. & P. Projects
Arthur Noack, State Supervisor N. J. Geodetic Control Survey

LETTER OF TRANSMITTAL.

To the Director,
State Department of Conservation and Development,
Trenton, N. J.

Sir:

I am transmitting herewith the third of a series of bulletins designed to put in convenient form the result of the accurate leveling done by the New Jersey Geodetic Control Survey, an organization which this Department helped to bring into existence and whose valuable work it has since sponsored. Bulletins 44 and 45 listed and described bench marks in Mercer, Middlesex, Essex and Passaic Counties. The present bulletin gives similar data for Bergen and Hudson Counties.

Sincerely yours,

Meredith E. Johnson,

Chief, Division of Geology and Topography

To the Chief, Division of Geology and Topography,
State Department of Conservation and Development,
Trenton, New Jersey

Sir:

The undersigned herewith respectfully submits for your approval and publication additional level data which were obtained by the New Jersey Geodetic Control Survey and which cover parts of Bergen, Essex and Hudson Counties.

In Bulletin #44 published by you in 1936, the organization of this Survey, its purpose and the methods used in its work, have been described in detail.

Frequent connections with bench marks established by the New Jersey Geological Survey years ago, have shown that there is either settlement in the area contained in the net or that a least square adjustment of the U. S. Coast and Geodetic Survey's first order level net varied with the results of the work of the New Jersey Geological Survey. The elevations given by the New Jersey Geological Survey, however, need not be discarded as corrections can be applied for bench marks which may have been established by State, County and Municipal agencies based upon the original New Jersey Geological Survey data. Herein below corrections for various points throughout the net have been given.

Where old bench marks have been tied in with the work of the New Jersey Geodetic Control Survey, the results are given in accordance with the adjustments made by this Survey.

The datum used for all elevations in this Bulletin is Mean Sea Level.

In this bulletin all bench marks are grouped in runs

which are named as shown on the accompanying map. Each run has a distinguishing designation, the first three letters of the County in which the major portion of the run lies, and another distinguishing letter.

In order to find the bench marks existing in a certain locality, it is necessary to refer to the index given on pages 5 and 6 on which are shown the localities included in the net.

This Bulletin further contains all elevations of first order bench marks established by the U.S. Coast and Geodetic Survey in the vicinity of the net, and also numerous elevations of bench marks established by the Hudson County Engineering Department which are of first order accuracy and which are tied directly to the U.S. Coast and Geodetic Survey benches.

Respectfully submitted

Arthur Noack, State Supervisor
NEW JERSEY GEODETIC CONTROL SURVEY

LOCALITIES INCLUDED IN HUD-BER LEVEL NET

BERGEN

| <u>Locality</u> | <u>Name of Run</u> |
|----------------------------|---|
| Arcola..... | BER-A-1 |
| Bendix Borough..... | BER-J-3,4 |
| Carlstadt..... | BER-B-6,7,16; BER-O-3,4; HUD-C-3 |
| Cliffside Park..... | HUD-L-5,9 |
| East Rutherford..... | BER-B-7,8,15,16; BER-O-4,5; HUD-C-2,3 |
| Edgewater..... | BER-D-2,3,4,5 |
| Englewood..... | BER-A-4; BER-D-1 |
| Fairview..... | BER-A-7,8; HUD-I-3; HUD-L-4,5,8; HUD-M-2,3 |
| Fort Lee..... | BER-D-1,2,8; HUD-L-6,7 |
| Hackensack..... | BER-A-2; BER-B-1,2,3,4,15; BER-I-1; BER-N-1,2,3 |
| Hasbrouck Heights..... | BER-B-4,5; BER-C-1,2; BER-J-4 BER-L-1; BER-O-1,2 |
| Leonia..... | BER-A-5,6 |
| Little Ferry..... | BER-C-1; BER-J-2,3 |
| Lodi Borough..... | BER-J-4,5; BER-L-1,2; BER-N-1 |
| Lodi Township..... | BER-J-3 |
| Lyndhurst..... | BER-B-10,11,12 |
| Nordhoff..... | BER-A-5 |
| North Arlington..... | BER-B-12,13,14; ESS-X-2; HUD-B-1,4; HUD-F-3,4 HUD-G-1,4; HUD-H-1 |
| North Hackensack..... | BER-B-1 |
| Palisades Park..... | BER-A-6; BER-J-1 |
| Paramus..... | BER-A-1,2; BER-L-3,4; BER-N-3,4 |
| Ridgefield..... | BER-A-6,7,13; BER-C-1; BER-C-2 |
| Ridgefield Park..... | BER-C-1; BER-J-2,6; BER-M-3,4 |
| Riverside..... | BER-A-2; BER-B-1; BER-N-3 |
| Rochelle Park Borough..... | BER-L-2,3 |
| Rutherford..... | BER-B-8,9,10; BER-O-5; HUD-C-4 |
| Saddle River Township..... | BER-J-6 |
| Teaneck..... | BER-A-3,4; BER-M-1 |
| Teaneck Township..... | BER-M-1,2,3 |
| Woodridge..... | BER-B-5,6; BER-O-2,3 |

ESSEX

| | |
|-----------------|------------------------|
| Belleville..... | BER-B-14,15; ESS-X-1 |
| Newark..... | HUD-A-1,2,3,7; HUD-F-1 |

HUDSON

| <u>Locality</u> | <u>Name of Run</u> |
|--------------------|---|
| Bayonne..... | HUD-D-2,3,4,5,6,7,8,11,12,13,15,16,19,20 |
| East Newark..... | HUD-F-2; HUD-G-2 |
| Guttenberg..... | HUD-I-1; HUD-L-3,8 |
| Harrison..... | HUD-F-1,2; HUD-G-2,3,4; HUD-H-3,4 |
| Hoboken..... | HUD-E-2,3,5; HUD-K-1,2,3; HUD-N-1 |
| Jersey City..... | BER-A-11,12,13,14,15,20; HUD-A-4,5,6,7,8 HUD-B-3,4; HUD-D-1,2,8,9,10,11,12,14,16,17,18,19 HUD-E-1,2,4,5; HUD-J-1,2; HUD-M-1,2,3; HUD-P-3,4 HUD-R-1,2 |
| Kearny..... | ESS-X-2; HUD-A-3,4,7; HUD-B-2,3; HUD-F-2,3,4 HUD-G-1,2,4; HUD-H-1,2,3,4; HUD-O-1,2,3; HUD-Q-1,3 |
| New Durham..... | BER-A-20 |
| North Bergen..... | BER-A-8,9,10,11,15,16,17,18,19; BER-D-5,6,7,8 HUD-C-1,4; HUD-I-2; HUD-L-3,4; HUD-M-1,2 |
| Secaucus..... | HUD-C-1,2; HUD-P-1,2,3,4,5 |
| South Kearny..... | HUD-A-7; HUD-G-1,2,3 |
| Union City..... | BER-A-19,20; BER-D-7; HUD-J-2,3; HUD-L-1,8 |
| Weehawken..... | BER-D-7; HUD-E-3; HUD-J-4 |
| West Hoboken..... | HUD-J-4 |
| West New York..... | BER-D-6; HUD-I-1; HUD-L-2,3 |

APPENDIX

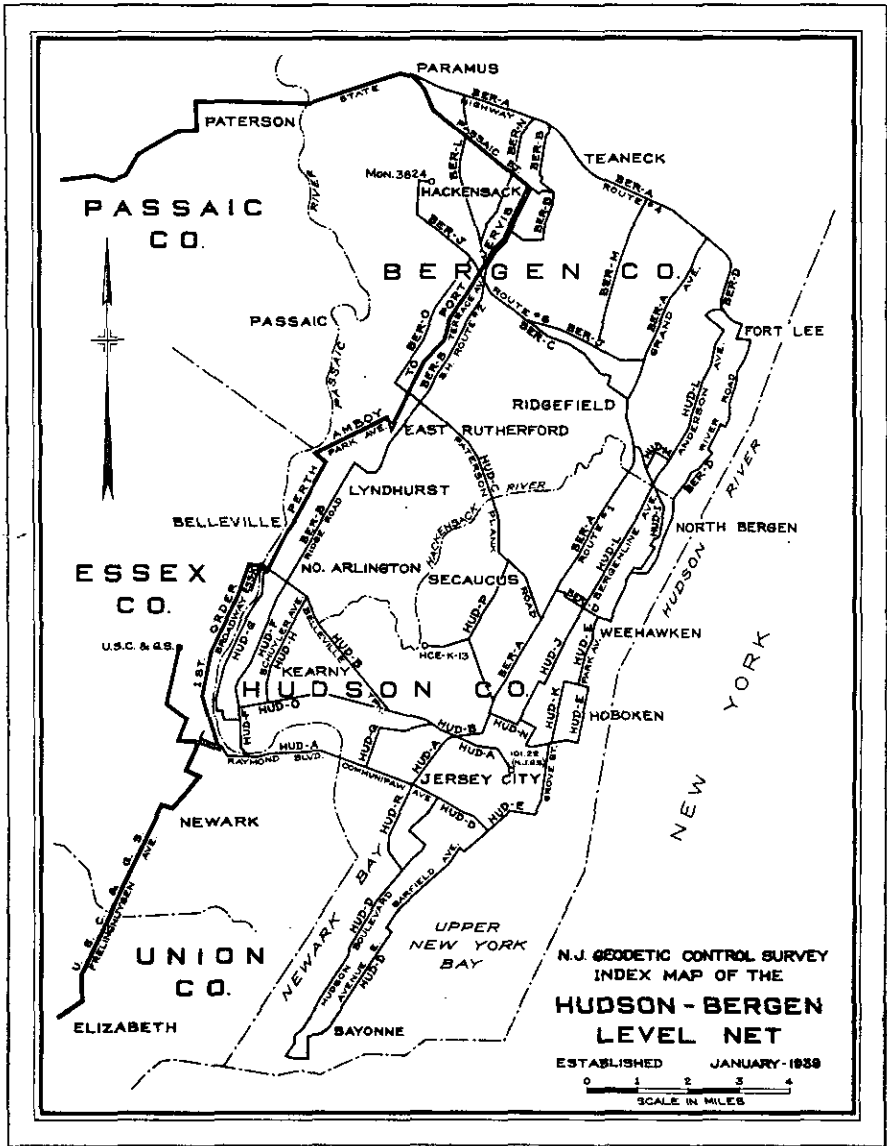
First order levelling of United States Coast and Geodetic Survey.

Descriptions and elevations of bench marks in the vicinity of the Hudson-Bergen level net.

HUDSON-BERGEN LEVEL NET CORRECTIONS

The following corrections should be applied to elevations originating from N.J. Geological Survey Benches in various localities.

| | | | |
|-------------|-------|------------------|-------|
| Guttenberg | +0.36 | North Hackensack | +0.03 |
| Hackensack | +0.09 | Ridgefield | +0.36 |
| Jersey City | +0.32 | Rutherford | +0.15 |
| Lyndhurst | +0.25 | Union City | +0.32 |
| Newark | +0.34 | West Hoboken | +0.36 |
| New Durham | +0.17 | West New York | +0.28 |
| Nordhoff | +0.50 | Woodridge | +0.37 |



NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-A, page 1

STARTING AT ARCOLA (PARAMUS), BERGEN COUNTY, AT STATE HIGHWAY RTE. NO. 4 AND SADDLE RIVER, AND RUNNING THENCE EAST ALONG S.H. RTE. #4 THROUGH PARAMUS, RIVERSIDE, NORTH HACKENSACK, AND TEANECK, SAME COUNTY, TO GRAND AVENUE, ENGLEWOOD, SAME CO. NTY, THENCE SOUTH ALONG GRAND & BROAD AVES. THROUGH NORDHOFF, LEONIA, PALISADES PARK RIDGE-FIELD AND FAIRVIEW, SAME COUNTY, AND CONTINUING SOUTH ALONG STATE HIGHWAY ROUTE NO. 1 THROUGH NORTH BERGEN (HUDSON CO.) TO STATE HIGHWAY ROUTE NO. 25 AT TONNELLE TRAFFIC CIRCLE, JERSEY CITY, SAME 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.

- N 12 -ARCOLA, BERGEN COUNTY. On State Highway 4, at the bridge over Saddle River, 45 feet north of the center line of the highway, and in the top of the east end of the north balustrade of the bridge, 4 feet higher than the sidewalk. A standard disk, stamped "N 12-1933."
Elevation: 17.785 meters or 58.360 ft.
- MON 1501-ARCOLA (PARAMUS), BERGEN COUNTY. On the north side of Route 4, east of Saddle River about 298.5 feet east of the center line of Paramus Road; 7.95 feet north of the north edge of the pavement; 39.74 feet north east of Pole No. 60451; 134.38 feet north east of the north east corner of the catch basin in the south curb of Route 4 and nearest to Paramus Road and level with grade. A standard U.S.C&G.S.&S.S. bronze disk stamped "1501" and set in concrete.
Elevation: 51.334 ft.
- MON 1413-PARAMUS, BERGEN COUNTY. On the south side of Route 4, about 400 feet east of Franklin Turnpike, about 40 feet south of the center line of Route 4; 82.92 feet west of the west curb-end of a catch basin; 10.09 feet north east of a blue-stone P.L. Monument; 33.01 feet south east of a cross out in the concrete pavement; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1413" and set in concrete.
Elevation: 51.744 ft.
- MON 1412-PARAMUS, BERGEN COUNTY. On the south side of Route 4, about 127 feet north west of the center line of McKay Avenue; about 40 feet south of the center line of Route 4; 53.60 ft. north east of the north west corner; and 40.07 feet north of the north east corner of a roadstand; 12.25 feet north west of a tack in pole No. P.S. 1293 P.R.S; and level with grade. A standard U.S.C&G.S.&S.S. bronze disk stamped "1412" and set in concrete.
Elevation: 56.849 ft.

DESCRIPTION OF BENCH MARKS

BER-A Page 2

- RV 1417 - PARAMUS, BERGEN COUNTY. On the south side of Route 4; at the bridge over Sprout Brook; on top of the east abutment. A standard monel rivet.
DESTROYED Elevation: 48.132 ft.
- RV 1418 - PARAMUS, BERGEN COUNTY. On Route 4; at the overpass carrying Farview Road (Rockhelle Avenue); at the north west supporting column, on the south face of the column, and in top of the base moulding. A standard monel rivet.
Elevation: 87.106 ft.
- RV 1415 - PARAMUS, BERGEN COUNTY. On the north side of Route 4, about 800 feet west of Farview Road (Rockhelle Avenue); in the top of the west end of the wall of a concrete culvert. A standard monel rivet.
Elevation: 53.951 ft.
- MON.1411- PARAMUS, BERGEN COUNTY. On the north side of Route 4, about 137 feet east of the center line of Maywood Avenue, about 45 feet north of the center line of Route 4; 33.06 feet north east of the most westerly, and 34.11 feet north west of the most easterly, of two crosses out in the concrete pavement; and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1411" and set in concrete.
Elevation: 64.739 ft.
- RV 1414 - PARAMUS, BERGEN COUNTY. On the north side of Route 4, about 900 feet east of the east approach to Maywood Avenue; in the top of the east end of the wall of a concrete culvert. A standard monel rivet.
Elevation: 23.314 ft.
- MON.1410- RIVERSIDE, BERGEN COUNTY. On the north side of Route 4, about 1600 feet west of Main Street in Hackensack; at the P.C. of a curve; about 45 feet north of the center line of Route 4; 38.35 feet north east of the most westerly, and 36.67 feet north west of the most easterly of two crosses out in the concrete pavement; 44.07 feet north of a brass nail set in lead in a drill hole in the pavement; and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1410" and set in concrete.
Elevation: 30.578 ft.
- RV 1413 - HACKENSACK (NORTH HACKENSACK), BERGEN COUNTY. On Route 4 at its intersection with Main Street, at the bridge over Coles Brook, in the center of the south edge of the north pillar in the west guard-rail. A standard monel rivet.
Elevation: 15.555 ft.
- RV 1412 - HACKENSACK (NORTH HACKENSACK), BERGEN COUNTY. On Route 4 at the overpass carrying Hackensack Ave., on the west side of the east supporting column, in the base moulding. A standard monel rivet. Elevation: 16.964 ft.

NEW JERSEY

Bergen County
1939

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BLR-A, page 3

RV 1411- TEANECK, BERGEN COUNTY. On the north side of route 4 near the bridge carrying Route 4 over River Road, in the base of the guard rail, immediately east of the east abutment. A standard monel rivet.

Elevation: 39.231 ft.

MON 1407- TEANECK, BERGEN COUNTY. On the north side of Route 4, on the north east corner of its intersection with Harwich Av. (Wilson Avenue); about 51.5 feet north of the center line of Route 4, about 63.0 feet east of the center line of Harwich Avenue; 70.13 feet north west of the curb-end of a catch basin; 61.92 feet from the east corner of the lug cast in the rim of a manhole located in the traffic island at the intersection of Harwich Avenue; in the sidewalk area and level with existing grade. A standard U.S.C.& G.S.&S.S. bronze disk stamped "1407" and set in concrete.

Elevation: 59.232 ft.

MON 1406-TEANECK, BERGEN COUNTY. On the south side of Route 4 about 328 feet west of the overpass carrying Garrison Ave. over Route 4, about 40.30 feet south of the center line of Route 4; 4.95 feet east of a cross cut on the east side of the rim of a manhole; 7.16 feet south west of a cross cut in the concrete curb; and about level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1406" and set in concrete.

Elevation: 91.741 ft.

RV 1410- TEANECK, BERGEN COUNTY. On the north side of Route 4 at the overpass carrying Garrison Avenue; on the north face of the north west supporting column, in the base molding. A standard monel metal rivet.

Elevation: 100.232 ft.

MON 1405-TEANECK, BERGEN COUNTY. On the south side of Route 4, on the north east corner of its intersection with the Margaret Street overpass; across Route 4 from Teaneck High School; about 20.0 feet east of the center line of Margaret Street; about 39.8 feet south of the center line of Route 4; and 2.05 feet south east of a concrete pier. A standard U.S. C.&G.S.&S.S. bronze disk stamped "1405" and set in concrete.

Elevation: 161.853 ft.

RV 1409- TEANECK, BERGEN COUNTY. In the south walkway on Route 4 at the overpass carrying Route 4 over Teaneck Road; directly over the east edge of the east abutment, and 8 inches from the guard rail. A standard monel rivet.

Elevation: 106.508 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Bergen County
1939

DESCRIPTION OF BENCH MARKS

BER-A Page 4

MON. 1404-TEANECK, BERGEN COUNTY. On the south side of Route 4, near the first green of the Phelps Manor Country Club, about 39.6 feet south of the center line of Route 4; across Route 4 and about 90 feet west of the center line of Tuxedo Square; 31.42 feet north east of a 1-inch water pipe on the edge of No. 1 green; 19.74 feet south of a cross cut in and near the south edge of pavement slab No. 48A; 43.32 feet south west of a cross cut in the curb near a catch basin; and about level with the curb. A standard U.S.G. & G.S. & S.S. bronze disk stamped "1404" and set in concrete.

Elevation: 90.774 ft.

RV 1408 - ENGLEWOOD, BERGEN COUNTY. On the north side of Route 4, at the overpass over Webster Avenue, directly over the east abutment, in a guard-rail post, at sidewalk level. A standard monel rivet.

Elevation: 49.638 ft.

RV 1407 - ENGLEWOOD, BERGEN COUNTY. On Route 4, at the bridge over Overpeak Creek, in the top of the south end of the east abutment. A standard monel rivet.

Elevation: 5.685 ft.

RV 1406 - ENGLEWOOD, BERGEN COUNTY. On Route 4, at the bridge over Overpeak Creek, in the top of the north end of the west abutment. A standard monel rivet.

Elevation: 5.692 ft.

MON. 1421-ENGLEWOOD, BERGEN COUNTY. On the north side of Route 4, about 290 feet east of the center line of the bridge over Grand Avenue, in the traffic island separating the traffic lanes leading down to Grand Avenue; about 47.0 feet north of the center line of Route 4; 15.26 feet east of the inside east edge of a square manhole frame, and level with the concrete safety isle. A standard U.S.G. & G.S. & S.S. bronze disk stamped "1421" and set in concrete.

Elevation: 42.054 ft.

RV. 1404 -ENGLEWOOD, BERGEN COUNTY. On Grand Avenue, at the overpass carrying Route 4, at the most southerly supporting column, in the center of the base welding. A standard monel rivet.

Elevation: 21.720 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Bergen County
1939

DESCRIPTION OF BENCH MARKS

BER-A Page 5

- MON.1214- ENGLEWOOD, BERGEN COUNTY. On the west side of Grand Ave., on the south west corner of its intersection with Rockwood Pl., about 330 ft. south of the center line of Route 4; 41.99 ft. south of the north east corner of the most northerly one and 42.20 ft. east of the southerly corner of the most southerly one, of two brick piers supporting a canopy in front of a Standard Oil Co. Gasoline Service Station; and level with, and 1.60 ft. west of, the present curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1214" and set in concrete. Elevation: 21.832 ft.
- Mk. 414- NORDHOFF (ENGLEWOOD), BERGEN COUNTY. At the entrance to the 9.87(NJGS) Teaneck Estate of the late W.W.Phelps, in the north end of the sill of the northerly front window. A chiseled cross. DESTROYED Elevation: 10.372 ft.
- RV.1200 - LEONIA, BERGEN COUNTY. On the east side of Grand Ave., between Prevost Ave., Englewood; and Lakeview Ave., Leonia; in the top of the south wing wall of a concrete culvert, 0.50 ft. south of the concrete railing wall and 8.00 ft. north of the south end of the wing wall. A standard monel rivet. Elevation: 13.462 ft.
- MON.1213- LEONIA, BERGEN COUNTY. On the west side of Grand Ave., about 22 ft. north of the north curb of Overlook Ave., produced, about 50 ft. south of the south side of dwelling No. 596 Grand Ave., 54.05 ft. north of pole No.P.S. 189 L.E.O.; 11.55 ft. southwest of a cross cut on the curb; and 6.08 ft. west of, and level with, the present curb. A standard U.S.C. & G.S. bronze disk stamped "1213" and set in concrete. Elevation: 19.044 ft.
- MON.1212- LEONIA, BERGEN COUNTY. On the west side of Grand Ave., about 153 ft. north of the Public Service Trolley right-of-way which runs west on Hillside Ave. & crosses Grand Ave.; 46.50 ft. west of the sidewalk steps leading to dwelling No. 469 Grand Ave.; 19.15 ft. north of pole No.PS 173 LEO; 4.83 ft. northwest of the most southerly one, and 4.70 ft. southwest of the most northerly one, of two crosses cut in the curb; and level with said curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1212" and set in concrete. Elevation: 30.934 ft.
- RV.1201 - LEONIA, BERGEN COUNTY. On the east side of Grand Avenue, about 30 ft. north of the center line of Cottage Pl., in the top of the south end of a small retaining wall next to the curb, 5.90 ft. north of the south end of said wall. A standard monel rivet. Elevation: 31.362 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-A, page 6

- RV 1202- LEONIA, BERGEN COUNTY. On the east side of Grand Avenue, between Prospect and Maple Streets, on top of a small retaining wall next to the curb, and 5.50 feet north of the south end of said wall. A standard monel rivet.
Elevation: 34.370 ft.
- RV 1203- PALISADES PARK, BERGEN COUNTY. On the east side of Grand Avenue, about 100 feet north of West Edsall Boulevard, at a culvert, on top of the concrete coping of the stone rail. A standard monel rivet.
Elevation: 20.429 ft.
- RV 1204- PALISADES PARK, BERGEN COUNTY. On the east side of Grand Avenue, on the north east corner of its intersection with West Central Boulevard, at the frame dwelling located on said corner plot, at the north end of the first concrete step of the series leading to said dwelling. A standard monel rivet.
Elevation: 27.709 ft.
- MON. 1211-PALISADES PARK, BERGEN COUNTY. On the east side of Grand Avenue, 153.70 ft. north of the north curb of West Central Blvd.; 18.83 ft. northwest of the south jamb, and 14.68 ft. northwest of the north jamb, of the opening in a concrete retaining wall leading to No. 300 Grand Avenue; 17.74 ft. south of a concrete pier set north of and in line with said wall; and 3.56 ft. east of, and level with, the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1211" and set in concrete.
Elevation: 28.209 ft.
- MON. 1210-PALISADES PARK, BERGEN COUNTY. On the east side of Grand Avenue, on the northeast corner of its intersection with Henry St.; 3.43 ft. southeast of the south curb end of a catch basin on Grand Avenue; 15.97 ft. west of the west curb end of a catch basin on Henry St.; 9.87 ft. west of the west end of a concrete wall on the north property line of Henry St.; and 2.0 ft. east of and level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1210" and set in concrete.
Elevation: 32.609 ft.
- RV. 1205-RIDGEFIELD, BERGEN COUNTY. On the west side of Grand Ave. at the concrete overpass carrying Rte. 6; on line with the south side of the west abutment thereof; and in the top of the curb. A standard monel rivet.
Elevation: 22.802 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-A page 7

- RV. 1206- RIDGEFIELD, BERGEN COUNTY. On the west side of Grand Ave. about 2000 ft. south of the Rte. 6 Overpass; at a concrete culvert, in the top of the south end of the culvert wall. A standard monel rivet.
Elevation: 23.911 ft.
- RV. 1207 -RIDGEFIELD, BERGEN COUNTY. On the west side of Broad Ave. (U.S. Highway Rte. 9), at the southwest corner of its intersection with Edgewater Avenue, at the entrance to a one-story brick building, in the top of the southeast corner of the concrete step. A standard monel rivet.
Elevation: 26.411 ft. DESTROYED
- RV. 1208- RIDGEFIELD, BERGEN COUNTY. On Broad Avenue (U.S. Rte. 9 and St. Rtes. 1 & 6), at the steps leading to the building at No. 422 Broad Ave., on the south end of the first step. A standard monel rivet.
Elevation: 48.068 ft.
- MON. 1208- FAIRVIEW, BERGEN COUNTY. On the west side of Broad Ave., about 125 ft. south of the centerline of Greeley Avenue; 45.25 ft. southeast of a cross cut on the footing of the west rail of the bridge over Wolf Creek; 61.27 ft. west of the southwest corner of the most southwesterly pier supporting the canopy at a Texas Oil Co. Gasoline Service Station (G.A. Harris, owner); and 1.00 ft. southwest of, and 1.5 inches higher than, the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1208" and set in concrete.
Elevation: 16.968 ft.
- RV. 1209- RIDGEFIELD, BERGEN COUNTY. On the west side of Broad Ave. at the bridge over Wolf Creek, on top of, and 1.00 ft. south of the north end of, the west railing of said bridge. A standard monel rivet.
Elevation: 19.762 ft.
- MON. 1209- RIDGEFIELD, BERGEN COUNTY. On the northwest corner of Broad Ave. and Pleasant View Terrace about 9 ft. in from both curbs; 9.26 ft. northwest of a cross cut on the curb; 11.85 ft. south of pole No. 34 G-RED 60376; 58.85 ft. north of the northwest corner of the office building of an American Gasoline Service Station; and level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1209" and set in concrete.
Elevation: 37.156 ft.
- RV. 1210- FAIRVIEW, BERGEN COUNTY. On the west side of Broad Ave. (St. Hwy. Rte. 1), on the northwest corner of its intersection with Fairview Ave., in the northeast corner of the entrance to the store located on said corner. A standard monel rivet.
Elevation: 27.004 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Bergen County
Hudson County
1939

DESCRIPTION OF BENCH MARKS

BER-A Page 8

RV. 1211 -FAIRVIEW, BERGEN COUNTY. On the east side of Broad Ave., just south of the bridge over the Erie Railroad, on top of a retaining wall, and 20.00 ft. from the north end thereof. A standard monel rivet.

Elevation: 44.508 ft.

H 5 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On the west side of the Bergen Tpke. (Rte. 1), at the brick building at No. 1903, on top of the south end of the first concrete door step, about 0.3 ft. east of the building and 0.20 ft. north of the south face of the step. A square cut.

Elevation: 29.667 ft.

RV. 1212 -NORTH BERGEN, HUDSON COUNTY. On the west side of Bergen Tpke. (Rte. 1), about 100.00 ft. south of Townsend St., at the two-family brick house at No. 1903 Bergen Tpke., near the south end of the second concrete step at the entrance. A standard monel rivet.

Elevation: 30.189 ft.

H 12 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1, at the south east corner of its intersection with Monroe Place at Public School No. 8, at the center entrance, near the west end of the first step of the flight leading thereto. A square cut.

Elevation: 19.369 ft.

H 13 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On State Highway Route 1 (Garden Street) at the intersection of Anderson Place, at dwelling No. 847 Anderson Place; on top of the south end of the coping of the garage driveway retaining wall, about 1.0 foot from the sidewalk. A square cut.

Elevation: 11.984 ft.

DESCRIPTION OF BENCH MARKS

BER-A Page 9

- MON.1207- NORTH BERGEN, HUDSON COUNTY. On the east side of the Bergen Tpke. (Rte.1), about 1000 ft. south of the south curb of 38th St. and about 120 ft. north of the north curb of 37th St.; 7.67 ft. west of a concrete wall; 2.25 ft. south of a pole, and 2.16 ft. east of, and level with, the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1207" and set in concrete.
DESTROYED Elevation: 51.692 ft.
- MON.1206- NORTH BERGEN, HUDSON COUNTY. On the south east corner of the Bergen Tpke.(Rte.1) and 32nd St.; 17.00 ft. south of the south curb of 32nd St.; 1.38 ft. east of the east curb of the Bergen Tpke.; 43.09 ft. north of the most northerly corner of the stucco building at No. 1636 Bergen Tpke., and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1206" and set in concrete.
Elevation: 77.676 ft.
- RV. 1213- NORTH BERGEN, HUDSON COUNTY. On the west side of Bergen Tpke.(State Highway Rte.1), north of its intersection with Hamilton Ave.,near the south end of the first step of a series of concrete steps leading to 1839 Bergen Tpke. A standard monel rivet. Elevation: 78.369 ft.
- H 8 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On the west side of the Bergen Tpke.(Rte.1), at School #4 (Irving School) about 100 ft.north of River St.;on the south end of the bluestone door sill at the entrance to said school. A square cut. Elevation: 49.022 ft.
- RV. 1214- NORTH BERGEN, HUDSON COUNTY. On the east side of the Bergen Tpke.(State Highway Rte.1),at the north west corner of the northerly brick building of the Hackensack Water Co.,in the concrete foundation. A standard monel rivet.
Elevation: 14.548 ft.
- H 10 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On the Bergen Tpke.; at the bridge over the West Shore Rail Road, near the New Durham Station; at the west end of the north abutment, on the south west corner of the top step of a series of steps. A cross out. Elevation: 26.081 ft.
- RV.1215- NORTH BERGEN, HUDSON COUNTY. On the west side of the Bergen Tpke.,(Rte.1); at the bridge over the West Shore Rail Road, near the New Durham Station; 1.00 ft. north of the south face, and near the west end of the north abutment; and in the top step of a series of steps. A standard monel rivet.
Elevation: 26.095 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

BER-A, page 10

MON 1277 - NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Bergen Turnpike or Garden Street), about 345 feet north of the north curb of the Paterson Turnpike; 6.19 feet north east of the most southerly, and 2.96 feet south east of the most northerly, of two crosses cut in the east curb of Route 1; 45.41 feet east of Pole No. PS 2056 NE; 1.78 feet east of and level with the east curb of Route 1. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1277" and set in concrete, set in cast iron box.

Elevation: 14.550 ft.

HV 1216 - NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Garden Street) at its intersection with the Paterson Plank Road; in the north (private) entrance to the three story brick and frame building No. 708 Garden Street; near the north end of the concrete door sill. A standard monel rivet.

Elevation: 25.749 ft.

MON 1276 - NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Garden Avenue), on the south east corner of its intersection with the Paterson Plank Road, about 27.85 feet east of the center line of Route 1; 1.35 feet east of a cross cut on the east curb of Route 1; 17.24 feet south of a cross cut on the south curb of the Paterson Plank Road; 57.65 feet north of an iron post; and level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1276" and set in concrete.

Elevation: 29.519 ft.

HV 1217 - NORTH BERGEN, HUDSON COUNTY. On the west side of State Highway Route 1 (Tonnelles Avenue), at the bridge over the Pennsylvania Rail Road; in the top of the west end of the south abutment, near a square cut. A standard monel rivet.

Elevation: 43.771 ft.

DESTROYED

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1934

DESCRIPTION OF BENCH MARKS

BER-A Page 11

- MON.1205- NORTH BERGEN, HUDSON COUNTY. On the east side of the traffic circle at which Tonnelle Ave., (Rte.1), Garden Ave., (Rte. #1), and Rte.3 intersect; 47.3 ft. east of the southeast face of pole No. P.S.2661 N B, and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1205" and set in concrete. Elevation: 28.496 ft.
- MON.1204- NORTH BERGEN, HUDSON COUNTY. On the west side of Rte.1 (Tonnelle Ave.) about 284 ft. south west of the south west corner of Sub-Station No. 3 of the Pennsylvania Rail Road Co.; 61.25 ft. west of the east curb of Tonnelle Ave.; 39.40 ft. south west of pole No. PS 2651 NB; and 6 inches above grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1204" and set in concrete. DESTROYED Elevation: 41.175 ft.
- MON.1203- NORTH BERGEN, HUDSON COUNTY. On the west side of Rte.1 (Tonnelle Ave.), about 182 ft. east of the north east corner of the iron fence around the property of the Atlantic Tank Corporation; 54.20 ft. north west of a point on the east curb of Rte. 1 which is 2.0 ft. north east of pole No. S1058 NB (measurement parallel to the curb); 17.42 ft. north of pole No. PS 2635 NB; and flush with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1203" and set in concrete. DESTROYED Elevation: 15.644 ft.
- H 17 (Hudson County Engineer)-NORTH BERGEN, HUDSON COUNTY. On the east side of Rte.1 (Tonnelle Ave.), about 200 ft. north of Hamblet Fl., at No. 220 Tonnelle Ave.; at the north edge of the entrance to the private garage, in the concrete walk. A square cut. Elevation: 17.036 ft.
- RV.1218 - NORTH BERGEN, HUDSON COUNTY. On the east side of Rte. 1 (Tonnelle Ave.), about 200 ft. north of Hamblet Fl., at No. 220 Tonnelle Ave.; on the northerly walk leading to the edge of said walk. A standard monel rivet. Elevation: 17.028 ft.
- RV.1219 - NORTH BERGEN, HUDSON COUNTY. One block west of Rte.1 (Tonnelle Ave.), on Secaucus Rd. at the north east corner of the crossing of the Erie Rail Road, at a one-story brick building, in the top of the west end of the top concrete step at the entrance. A standard monel rivet. Elevation: 11.651 ft.
- RV.1220 - JERSEY CITY, HUDSON COUNTY. On the west side of Rte. 1 (Tonnelle Ave.); at the entrance to the building at No. 805 Tonnelle Ave., on top of the north end of the top-most step. A standard monel rivet. Elevation: 18.455 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1934

DESCRIPTION OF BENCH MARKS

BER-A Page 12

- H 19 (Hudson County Engineer)-JERSEY CITY, HUDSON COUNTY. On the east side of Rte. 1 (Tonnelle Ave.), at the entrance to the store at No. 760 Tonnelle Ave., on the north end of the concrete step. A chiselled square.
Elevation: 22.749 ft.
- RV.1221 - JERSEY CITY, HUDSON COUNTY. On the west side of Rte. 1 (Tonnelle Ave.,) at the entrance to the Standard Silicate Co., building at No. 661 Tonnelle Ave., in top of the south end of the door sill. A standard monel rivet.
Elevation: 11.619 ft.
- RV.1222 - JERSEY CITY, HUDSON COUNTY. On the west side of Rte. 1 (Tonnelle Ave.), at the north west corner of its intersection with County Road, in the west corner of the first doorsill west of Route 1. A standard monel rivet.
Elevation: 18.269 ft.
- RV.1223 - JERSEY CITY, HUDSON COUNTY. On the east side of Route 1 (Tonnelle Avenue) at the building at No. 441 Tonnelle Ave., in the top of the north corner of the doorsill. A standard monel rivet.
Elevation: 33.609 ft.
- RV.1224 - JERSEY CITY, HUDSON COUNTY. On the west side of Route 1 (Tonnelle Avenue) at the center of the bridge over the Erie Rail Road, about 1000 feet north of Tonnelle Circle, about 340 feet south of the south curb of Spruce Street, at the foot of the west parapet wall of the bridge, near the south post at the steps leading down to the Erie Rail Road, and in the sidewalk. A standard monel rivet.
Elevation: 53.200 ft.
- H 23 (Hudson County Engineer)-JERSEY CITY, HUDSON COUNTY. On the west side of Route 1 (Tonnelle Avenue), 30.0 feet south of the bridge over the Erie Rail Road, at St. Peter's and Paul's Cemetery, on top of the north end of the concrete retaining wall supporting an iron rail fence. A square cut.
Elevation: 55.488 ft.
- H 24 (Hudson County Engineer)-JERSEY CITY, HUDSON COUNTY. On the east side of Route 1 (Tonnelle Avenue), about 100.0 feet south of Tonnelle Circle, at the most southerly entrance to the old boiler room of the plant of the Brunswick Laundry at No. 222-224 Tonnelle Avenue, on the south end of the granite door sill. A square cut.
Elevation: 66.262 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Bergen County
Hudson County
1938-1939

BER-A Page 13

DESCRIPTION OF BENCH MARKS

- T-16 JERSEY CITY, HUDSON COUNTY. On the east side of Tonnelle Traffic Circle, at the entrance to the lower level of Rte. 25 leading to the Holland Tunnel, about 24.00 ft. north of said entrance, in the north wingwall of the abutment of the overpass carrying the upper level of Rte. 25; 5.20 ft. above ground and set vertically. A standard disk, stamped "T-16-1934". (A 1st order B.M.)
Elevation: 68.992 ft.
- U-16 Reset-1938 JERSEY CITY, HUDSON COUNTY. In the face of the concrete abutment wall of the Pulaski Skyway ramp leading from the Skyway to Tonnelle Circle, on the east side of Seaman Ave., between St. Paul's Ave. and Rte. #1, set vertically. 113.81 ft. north of north curb of St. Paul's Ave.; 95.20 ft. south of south curb of S. H. Rte. #1; 9.19 ft. south of expansion joint between abutment and north wing wall, and 4.30 ft. above the present ground level. A disk, stamped "U-16-1938", Reset".
Elevation: 61.346 ft.

TIES TO N. J. G. S. BENCH MARKS IN RIDGEFIELD

- NJGS 14.35-RIDGEFIELD, BERGEN COUNTY. A cross out in the south end of the sill of the front door of the ladies' waiting room of the station of the Northern Branch of the Erie Railroad.
DESTROYED Elevation: 14.719 ft.
- NJGS 5.96-RIDGEFIELD, BERGEN COUNTY. A cross out in the southwest corner of the west end (at the northwest corner of the draw) of the north abutment of the bridge which carries Bergen Turnpike over Overpeck Creek, half a mile west of the depot.
Elevation: 6.303 ft.

ADDITIONAL BENCH MARKS:

- MON. 4282-JERSEY CITY, HUDSON COUNTY. On the east side of S.H. Rte. 1, 93.16 ft. south of the centerline of Spruce St. on the property of a Gulf Gas Station; 7.61 ft. southeast of a cross out; 1.29 ft. east of a cross out, both on east curb on west side of most northerly gas pump; and 16.11 ft. northeast of nail in Telephone Cable Pole 104. A standard N.J.G.C.S. disk, set in concrete, inside a cast iron box, the cover of which is level with the ground.
Elevation: 49.926 ft.

NEW JERSEY

GRODETTIC CONTROL SURVEY

Hudson County
1939

DESCRIPTION OF BENCH MARKS

BER-A page 14

- H-21 - Square out on the concrete doorsill at the most northerly entrance to a garage No. 486 and 488 Tonnelle Ave. on the east side of State Highway Route No. 1 (Tonnelle Avenue) between Manhattan Avenue and County Road, Jersey City. The cut is 1.43 feet south of the north end of the sill.
Elevation: 25.239 ft.
- MON. 4254 - JERSEY CITY, Hudson Co. On the east side of S.H. Rte. 1, in the northerly driveway of Esso Gas Sta., at Co. Road; 16.00 ft. south of north cross cut, 2.45 ft. east of middle cross cut, 23.72 ft. northeast of southerly cross cut, all on east curb of Rte. #1; A standard N.J.G.C.S. disk, set in concrete, in a cast iron box, the cover of which is level with the pavement.
Elevation: 19.860 ft.
- Mon. 4256 - JERSEY CITY, Hudson Co. On the east side of S.H. Rte. 1; 38.59 ft. northwest of northerly corner (11th brick tier) of John Weber & Son. Bldg., 636 Tonnelle Ave.; 90.00 ft. south of centerline of proposed street; 19.77 ft. northeast of cross cut, 9.46 ft. east of, and 21.30 ft. southeast of cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, in a cast iron box, the cover of which is level with the ground.
Elevation: 14.472 ft.
- H-39 - A BRONZE BRACKET is located on the brick wall on the westerly side of the SCHOLTEN & HEINRICH MACHINE COMPANY, situated on the east side of Tonnelle Ave. south of Thorne St. JERSEY CITY, N.J. 7.58 ft. south of the main entrance and 1.66 ft. above the ground.
Elevation: 18.036 ft.
- MON. 4257 - JERSEY CITY, Hudson Co. 21 ft. north of North St. on the west side of S.H. Rte. 1; 15.08 ft. north of a cross cut; 6.52 ft. west of and 14.68 ft. southwest of cross cuts, all on the west curb of Rte. 1; and 19.36 ft. southwest of PS pole 34. A standard N.J.G.C.S. disk, set in concrete, in a cast iron box, the cover of which is level with the ground.
Elevation: 22.254 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Hudson County
1939

BER-A page 18

- MON. 4258 - JERSEY CITY, Hudson Co. 132.19 ft. south of centerline of Secaucus Rd., (Paterson Ave.) and on the east side of S.H. Rte. 1; 8.87 ft. northeast of telegraph cable pole; 9.25 ft. east of crosscut; and 2.01 ft. east of another cross cut, both on the east curb of Rte. 1; and 43.62 ft. southwest of cross cut on island for gas pumps. A standard N.J.G.C.S. disk, set in concrete, inside a cast iron box, the cover of which is level with the ground.
Elevation: 23.844 ft.
- H-18 - Square cut on the north end of a concrete step at the corner entrance to a store on the northwest corner of Secaucus Road and State Highway Route No. 1 (Tonnelie Avenue) North Bergen.
Elevation: 22.385 ft.
- MON. 4259 - NORTH BERGEN, Hudson Co. At 171 Bergen Tpke, on the west side of Rte. 1 and 121.09 ft. north of centerline of Tyler Place; 43.64 ft. northeast of pole PS-1934-NB; 47.21 ft. south of PS pole 1938-NB; 259.65 ft. south of centerline of Hamblet Place; and 13.91 ft. south of cross cut; and 1.25 ft. west of cross cut, both on curb of Rte. 1. A standard N.J.G.C.S. disk, set in concrete, inside a cast iron box, the cover of which is level with the ground.
Elevation: 14.212 ft.
- MON. 4260 - NORTH BERGEN, Hudson Co. On the east side of Rte. 1 opp. north end of lumber yard; 7.30 ft. southeast of a cross cut; 7.0 ft. east of a cross cut, both in curb; 26.91 ft. east of centerline of N.J. Rte. 1; and 66.20 ft. south of pole PS81058-NB; and 60.65 ft. north of pole PS-81055-NB. A standard N.J.G.C.S. disk, set in concrete, 8" below the ground in a cast iron box, the cover of which is level with the ground.
Elevation: 13.078 ft.
- MON. 4261 - NORTH BERGEN, Hudson Co. On the east side of Rte. 1, at an Esso Gas Sta., about $\frac{1}{4}$ mile south of intersection of Rtes. 1 and 3; 12.01 ft. northeast of telegraph cable pole; 4.32 ft. east of cross cut on catch basin; 10.48 ft. northeast of cross cut; 11.54 ft. south of cross cut, both on east curb of Rte 1; and 62.53 ft. southwest of cross cut on concrete island for gas pumps. A standard N.J.G.C.S. disk, set in concrete, inside cast iron box, the cover of which is level with ground.
Elevation: 21.858 ft.

NEW JERSEY

Hudson County
1939

GEODESIC CONTROL SURVEY

BER-A page 16

DESCRIPTION OF BENCH MARKS

- MON. 4262 - NORTH BERGEN, Hudson Co. On the west side of Rte. 1, about 1000 ft. south of the intersection of Rtes. 3 and 1, and about 150 ft. south of the southeast corner of P.R.R. substation #3; 20.10 ft. southwest of pole PS-2652-NB; 7.96 ft. west of a cross cut, 3.11 ft. northwest of a cross cut, 8.71 ft. north of a cross cut, all on the west curb of Rte. 1; and 28.55 ft. west of the centerline of Rte. 1. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 41.551 ft.
- MON. 4263 - NORTH BERGEN, Hudson Co. In the center of the traffic circle intersection of Rtes. 1 and 3; 10.32 ft. west of a cross cut in the southwest corner of iron manhole cover; 33.53 ft. southwest of pole PS-2661-NB; and 65.74 ft. north of the south curb on the inside circle. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 30.151 ft.
- MON. 4264 - NORTH BERGEN, Hudson Co. On the west side of S.H. Rte. 1, on the property of Hammer Basch Co. at the northwest corner of Main St. and N. J. Rte. 1; 28.45 ft. north of the centerline of Main St.; 12.19 ft. north of a cross cut on return curb; 28.92 ft. west of the centerline of Rte. 1; 8.56 ft. west of cross cut on catch basin; and 9.65 ft. east of the southeast corner of Hammer Basch Co. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in an iron box, the cover of which is level with the ground.
Elevation: 9.327 ft.
- H-31 - BRONZE BENCH MARK BRACKET is located on the stone wall on the westerly side of PUBLIC SCHOOL BUILDING #8, situated on the east side of Monroe Place corner of ROUTE #1, NORTH BERGEN, N. J. 11.00 ft. south of main entrance and 1.85 ft. above the sidewalk.
Elevation: 19.315 ft.
- MON. 4265 - NORTH BERGEN, Hudson Co. At the northeast corner of N.J. Rte. 1 and Church Lane; 25.50 ft. east of the centerline of Rte. 1; 12.74 ft. south of cross cut on catch basin; 19.22 ft. north of centerline of Church Lane; 8.57 ft. south of pole 58131; and 9.72 ft. north of cross cut on curb of Church Lane. A standard N.J.G.C.S. disk, set in concrete, 8" below sidewalk, in a cast iron box, the cover of which is level with the sidewalk.
Elevation: 23.028 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-A page 17

- H-30 - BRONZE BENCH MARK BRACKET is located on the brick wall on the easterly side of PUBLIC SCHOOL BUILDING #3, situated on east side of North St. corner of 4th St. NORTH BERGEN, N. J. 3.58 ft. north of south entrance and 2.00 ft. above the sidewalk.
Elevation: 31.249 ft.
- MON. 4266 - NORTH BERGEN, Hudson Co. On the west side of N.J.Rte. 1 and on the property of a Socony Gas Sta., 1136 Bergen Tpke, and opposite the Hoboken Cemetery; 2.95 ft. east of the southeast corner of concrete foundation with iron column suspending Socony sign; 3.15 ft. southeast of the northeast corner of same foundation; 16.23 ft. southwest of cross cut, 9.97 ft. west of cross cut, both on the west curb of Rte. 1; and 27.40 ft. west of the centerline of Rte. 1. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 29.882 ft.
- MON. 4267 - NORTH BERGEN, Hudson Co. On the east side of S.H. Rte. 1 and about 150 ft. south of the Hackensack Water Co.; 51.4 ft. southeast of pole PS-2494-NB; 21.15 ft. east of the centerline of Rte. 1; 7.94 ft. east of cross cut and 8.50 ft. south of cross cut, both in east curb of Rte. 1; and 82.35 ft. northeast of southerly hydrant. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in an iron box, the cover of which is level with the ground.
Elevation: 13.566 ft.
- MON. 4268 - NORTH BERGEN, Hudson Co. On the west side of Rte. 1; 49.25 ft. west of pole BT-878-NB; 9.35 ft. west of cross cut on west curb of Rte. 1; 4.57 ft. west of edge of curb; 12.86 ft. southwest of cross cut in catch basin; and 10.70 ft. northwest of pole PS-2505-NB. A standard N.J.G.C.S. disk, set in concrete, 8" below sidewalk surface, in a cast iron box, the cover of which is level with the sidewalk.
Elevation: 12.424 ft.
- MON. 4269 - NORTH BERGEN, Hudson Co. On the east side of S.H. Rte. 1 opposite Erie RR Shop; 14.65 ft. northeast of pole BT-701-NB; 4.75 ft. east of edge of face of curb; 24.75 ft. east of centerline of S.H. Rte. 1; 8.12 ft. east of cross cut; and 8.11 ft. southeast of cross cut, both on east curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk, in a cast iron box, the cover of which is level with sidewalk.
Elevation: 44.423 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

BER-A page 18

- H-29 - BRONZE BENCH MARK BRACKET is located on the stone trim of the brick wall on the easterly side of OLD PUBLIC SCHOOL BUILDING #1, NOW USED AS EMERGENCY RELIEF HEAD-QUARTERS, situated on the west side of Bergen, near River St. NORTH BERGEN, N.J. 13.50 ft. south of the main entrance and 1.00 ft. above the sidewalk.
Elevation: 49.296 ft.
- MON. 4270 - NORTH BERGEN, Hudson Co. On the west side of S.H. Rte.1 and 55.5 ft. southwest of the centerline of Hudson Place prolonged; 6.80 ft. west of cross cut, 7.05 ft. north of a cross cut, both on curb; 4.50 ft. west of edge of curb; 24.70 ft. west of centerline of S.H. Rte. 1; and 26.80 ft. northeast of pole P.S. 2529 NB. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk, in a cast iron box, the cover of which is level with the sidewalk.
Elevation: 51.494 ft.
- H-6 - Square cut on the north end of the concrete door sill at the entrance to the Gibraltar Corrugated Paper Co., on the west side of the Bergen Turnpike, now State Highway Route No. 1, north of 36th Street, North Bergen. The cut in on the edge of the north end of the sill and 0.30 feet west of the east face of the same.
Elevation: 52.346 ft.
- MON. 4271 - NORTH BERGEN, Hudson Co. On the east side of S.H. Rte. 1 opposite the Gibraltar Corrugated Paper Box Co, Inc.; 6.74 ft. southeast of pole BX-737-NB; 48.20 ft. east of PS pole 2546-NB; 7.50 ft. south of a cross cut on curb; 4.66 ft. east of edge of curb; 24.72 ft. east of centerline of Rte. 1; and 10.21 ft. northeast of cross cut on curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 51.066 ft.
- MON. 4253 - NORTH BERGEN, Hudson Co. About 89.0 ft. northeast of the junction of S.H. Rte. 1 (Bergen Tpke.) and the centerline of 39th St.; 6.18 ft. west of face of curb; 22.05 ft. northwest of x cut on rim of manhole; 11.48 ft. southwest of a cross cut, and 16.52 ft. north of a cross cut, both on curb. A standard N.J.G.C.S. disk, set in concrete, level with the sidewalk.
Elevation: 43.278 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

BER-A page 19

- W-5 - Square cut on the south end of the first concrete decrestep above the sidewalk at the entrance to a brick building (No. 1903 Bergen Turnpike) on the west side of Bergen Turnpike, now State Highway Route No. 1, North Bergen. The cut is about 0.75 feet west of the east face of the step and 0.10 feet north of the south end of the same.
Elevation: 29.667 ft.
- ON. 4239- NORTH BERGEN, Hudson Co. On the easterly side of Bergen Tpke, (S.H. Rte.1.); 26.10 ft. north of the northwest corner of J.V. Troisi's Florist Shop; 8.80 ft. southwest of the county boundary line post; 6.65 ft. northeast of a cross cut, and 4.33 ft. southeast of a cross cut, and 8.94 ft. south of a cross cut, all on the curb. A standard N.J.G.C.S. disk, set in concrete, level with the ground.
Elevation: 28.017 ft.
- RV. 1214- NORTH BERGEN, Hudson Co. On the east side of Bergen Tpke. (State Highway Route #1), at the northwest corner of northerly brick building of Hackensack Water Company, in concrete foundation. A monel rivet.
Elevation: 14.548 ft.

INTERMEDIATE RUN FROM MON. 1277
TO MON. 4202:

- MON. 4283 -NORTH BERGEN, HUDSON CO. On the southerly side of Union Place, in the flagstone sidewalk at house #168; 8.31 ft. south of a cross cut, 3.51 ft. southwest of a cross cut, and 5.23 ft. west of a cross cut, all on curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the ground.
Elevation: 51.551 ft.
- MON. 4284 -UNION CITY, HUDSON CO. On the northerly side of 37th St. at house #524; 6.47 ft. east of a cross cut, 3.66 ft. northeast of a cross cut, and 5.78 ft. north of cross cut, all on curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the sidewalk.
Elevation: 160.567 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1939

DESCRIPTION OF BENCH MARKS

BER-A Page 20

MON.4202- UNION CITY, HUDSON COUNTY. On the southeast corner of 37th St. and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 6.95 ft. east of a cross cut in the east curb of Bergenline Ave.; 4.30 ft. southwest of a cross cut in the south curb of 37th St.; and 4.60 ft. north of the northwest corner of a two-story brick building #736 Bergenline Ave. A standard U.S.C. & G.S. & S.S. disk, set 3 inches below the surface of the ground in concrete.
Elevation: 177.244 ft.

ADDITIONAL BENCH MARK (OMITTED FROM BER-A, Page 12)

MON.1101- JERSEY CITY, HUDSON COUNTY. On Tonnelle Ave., (State Highway Rte. #1); located on the west side of the Ave. 175.0 ft. south of the prolonged centerline of Carlton Ave.; 36.77 ft. east of a cross cut in the stone southeast corner block of house #427 Tonnelle Ave.; and 65.74 ft. northeast of a cross cut on the northeast concrete base of #415 Tonnelle Ave. A standard U.S.C. & G.S. & S.S. disk, set in concrete, and set flush with the curb.
Elevation: 35.112 ft.

ADDITIONAL BENCH MARK

NJGS 7.91-NEW DURHAM, HUDSON COUNTY. In the lowest of a series of steps (near the edge and close up to the bottom of the next step above) at the west end of the north abutment of the bridge which carries the Hackensack Turnpike over the West Shore Railroad at the station. A cross cut.
Elevation: 8.078 ft.

NEW JERSEY

Bergen County
1939

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 1

STARTING IN RIVERSIDE, BERGEN COUNTY, ON S.H. RTE. #4 ABOUT 1600 FT. WEST OF MAIN ST., HACKENSACK, SAME COUNTY AND RUNNING THENCE EAST ALONG RTE. 4 TO GRAND AVE., HACKENSACK, SAME COUNTY, THENCE SOUTH ALONG GRAND AVE., FIRST ST.(POLIRLY ROAD) AND TERRACE AVE. TO S.H. RTE. #2, HASBROUCK HEIGHTS, SAME COUNTY, THENCE SOUTH ALONG S.H. RTE. #2 THROUGH WOODRIDGE, CARLSTADT, AND EAST RUTHERFORD TO RUTHERFORD AVE., RUTHERFORD, SAME COUNTY, THENCE WEST ALONG RUTHERFORD AVE. TO PARK AVE., LYNHURST, SAME COUNTY, THENCE SOUTH ALONG PARK AND STUYVESANT AVES. AND RIVER ROAD TO THE BELLEVILLE TURNPIKE, NORTH ARLINGTON, SAME COUNTY, THENCE WESTERLY ALONG BELLEVILLE TURNPIKE AND ACROSS THE PASSAIC RIVER TO MAIN ST., BELLEVILLE, ESSEX 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 & GEODETTIC SURVEY.

MON 1410-RIVERSIDE, BERGEN CO. On the N side of Rte. 4 about 1600 ft. W of Main St. in Hackensack; about 45 ft. from the center of Rte.4; 38.35 ft. NE of and 36.57 ft. NW of two crosses in the pavement; 44.07 ft. N of a brass nail set in a drill hole in pavement and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 30.578 ft.

RV 822- HACKENSACK, BERGEN CO. On the E side of Grand Ave., opposite the N curb of S.Lake Drive, in top of S concrete post in E hand rail of bridge over Cole's Brook, 11.3 ft. E of E curb and 39.6 ft. N of N curb end of catch basin. A standard monal rivet. Elevation: 15.537 ft.

RV 821- HACKENSACK, BERGEN CO. On the W side of Grand Ave. at main entrance to Fairmount Public School at Poplar Ave.; 47.20 ft. W of W curb, on top of highest stone landing, 0.20 ft. E of E edge of Doorsill and 0.20 ft. N of N face of S pier. A standard monal rivet.

Elevation: 26.979 ft.

9.54(N.J.G.S.)-NORTH HACKENSACK, BERGEN CO. About 700 ft. S of N (MK 424) Hackensack station (N.J. &N.Y. R.R.), at line between Hackensack and River Edge, on W end of N abutment of bridge over Cole's Brook, on middle step. A cross cut.

Elevation: 9.571 ft.

22.70(N.J.G.S.)-HACKENSACK, BERGEN CO. W of and on N side of Anderson St. station on N side of said St. at entrance to apartments of building(1894) erected by G.A. Mattjetschenk, on W end of doorsill. A chiseled cross.(First Order B.M.)

Elevation: 6.946 meters or 22.789 ft.

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 2

- WEST ANDERSON(U.S.E.)-HACKENSACK, BERGEN COUNTY. At the west end of the Anderson Street bridge over the Hackensack River, in the south sidewalk, directly over the west abutment, 2.70 feet south of the curb, and 1.60 feet west of the east face of the abutment. A standard bronze triangulation station disk stamped "W.Anderson 1914-1932".
Elevation: 9.226 ft.
- MON. 800- HACKENSACK, BERGEN COUNTY. On the north west corner of the intersection of Passaic and Park Streets; 28.76 feet south of the south east corner of a brick pier at the porch of frame dwelling No. 112 Passaic Street; 48.00 feet northwest of pole No. 211H and 60537 HS; 44.26 feet northeast of pole No. 621 H.S., and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "800" and set in concrete.
Elevation: 21.715 ft.
- MON. 801- HACKENSACK, BERGEN COUNTY. On the northwest corner of the intersection of Passaic Street and Vanderbeck Place; 61.44 feet southwest of pole No. PS 799 HS; 37.52 feet northwest of pole No. PS 1252 HS; 12.63 feet east of pole No. P.S.C.T. 1109; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "801" and set in concrete.
Elevation: 21.586 ft.
- RV 19 - HACKENSACK, BERGEN COUNTY. At the intersection of First Street and Passaic Avenue, 36 feet south of the center line of First St., 26 ft. west of the center line of Passaic Avenue, and in the northeast corner of a raised concrete triangle in front of a Gulf filling station, 1 foot higher than the sidewalk. A standard monel metal rivet. (A 1st Order B.M.)
Elevation: 6.643 meters or 21.795 feet.
- K 12 - HACKENSACK, BERGEN COUNTY. At the intersection of First and High Streets, at public school 5, 75 ft. north of the center line of First St., 54 ft. west of the center line of High St., in the south face of the building at the southeast corner, and 5 feet higher than the ground. A standard disk, stamped "K 12 1933" and set vertically. (A 1st Order B.M.)
Elevation: 7.755 meters or 25.443 feet.
- J 12 - HACKENSACK, BERGEN COUNTY. On First Street, about 600 ft. east of the high school, 30 ft. south of the center line of First St., at the New York, Susquehanna & Western Railroad overhead crossing, directly under the center of the track, and in the south masonry back wall of the underpass, 5 ft. higher than the sidewalk. A standard disk, stamped "J 12 1933". (1st Order B.M.)
Elevation: 6.525 meters or 21.401 feet.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 3

- H 12 -HACKENSACK, BERGEN COUNTY. At the intersection of First and Beech Streets, at the high school, 108 feet north of the center line of First St., 66 ft. west of the center line of Beech St., in the west face of the building at the southwest corner, and 5 ft. higher than the ground. A standard disk, stamped "H 12 1933" and set vertically.
Elevation: 8.072 meters or 26.483 ft. (1st Order)
- RV 18 -HACKENSACK, BERGEN COUNTY. At the intersection of Polifly and Essex Sts., about 110 ft. southeast of the southeast corner of the residence at 9 Polifly St., 42 ft. west of the center line of Essex St., 30 ft. north of the center line of Polifly St., 12 ft. east of the traffic-signal post controlling westbound traffic, and in the top of the concrete curb. A standard monel metal rivet.
Elevation: 9.187 meters or 30.141 feet. (1st Order)
DESTROYED.
- MK 425
12.50(N.J.G.S.)-HACKENSACK, BERGEN COUNTY. On Court Street, at the main front door of the First Reformed Church, in the west end of the door sill. A cross cut.
Elevation: 12.616 ft.
- MON. 802-HACKENSACK, BERGEN COUNTY. On the west side of Church St. (Moore Street), about 470 feet north of the center line of Bridge Street, 83.53 ft. south east of the south east corner of a Bus Garage Building; 66.79 feet east of the north east corner of a metal shed belonging to Frank Young; 99.42 feet west of pole No. PSHA 3206; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "802" and set in concrete.
Elevation: 6.601 ft.
- MON 803-HACKENSACK, BERGEN COUNTY. On the east side of River St. about 80.00 ft. north of the centerline of the N.Y.S. & W. Railroad; 84.18 ft. northeast of the northwest corner concrete abutment of the railroad right-of-way on the east side of River St.; 79.88 ft. southeast of a tack in pole 89973; and set flush with the sidewalk. A standard U.S. C.&G.S.&S.S. bronze disk stamped "803" and set in concrete.
Elevation: 4.831 ft.
- RV 800- HACKENSACK, BERGEN COUNTY. On the south east corner of the intersection of Polifly Road and Daniels Ave.; about 45.50 ft. south of the center line of Daniels Ave., about 14.00 ft. east of the center line of Polifly Rd.; 88.00 ft. north of the north wall of the building at No. 170 Polifly Rd; 0.5 ft. south of the south end of a catch basin; in the top of the curb. A standard monel rivet.
Elevation: 45.093 ft.

NEW JERSEY

Bergen County
1939

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 4

- MON 804-HACKENSACK, BERGEN COUNTY. On the south east corner of the intersection of Polifly Road and Vincent Avenue (east); about 100 feet south of the center line of Vincent Avenue; about 78.75 feet east of the center line of Polifly Road; 50.95 feet north of the most northerly corner of the one story front of a two story brick store and dwelling; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "804" and set in concrete.
Elevation: 38.873 ft.
- G 12 -HASBROUCK HEIGHTS, BERGEN COUNTY. On Terrace Avenue, about 150 yards west of the city limits of Hackensack, 25 feet south of the center line of Terrace Avenue, at the undercrossing of State Highway 2, and in the top of the east end of the south balustrade, 4 feet higher than the sidewalk. A standard disk, stamped "G 12 1933".(1st Order)
Elevation: 14.660 meters or 48.097 feet.
- MON 805-HASBROUCK HEIGHTS, BERGEN COUNTY. On the east side of Polifly Road at the northerly end of the concrete bridge over State Highway Route 2; 2.90 feet east of a cross cut in the center of the top of the east concrete girder; 65.93 feet north of the north west corner of the center concrete post supporting the iron hand rail on the east side of the sidewalk; 13.76 feet south of pole No. 87 HBH; set into and level with the sidewalk. A standard U.S.C. &G.S.&S.S. bronze disk stamped "805" and set in concrete.
Elevation: 44.229 ft.
- RV 801- HASBROUCK HEIGHTS, BERGEN COUNTY. On the east side of State Highway Route 2, about 390 feet south of the south curb of Williams Avenue; on the west curb of, and 34.40 feet north of the south end of, the east traffic island; about 12.3 feet east of the center line of the center traffic lane; 0.50 feet south of the south end of a catch basin; 76.90 feet west of pole No. PS 876 HBH. A standard monel rivet.
Elevation: 7.559 ft.
- RV 17 - HASBROUCK HEIGHTS, BERGEN COUNTY. At the intersection of Terrace Avenue and Madison Avenue, 70 feet southeast of the southeast corner of residence at 329 Madison Avenue, 30 feet west of the center of Terrace Avenue, 18 feet north of the center line of Madison Avenue, and in the top of the concrete curb. A standard monel metal rivet.
Elevation: 30.313 meters or 99.452 ft.(1st Order)

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 5

RV 802-HASBROUCK HEIGHTS, BERGEN COUNTY. About 39 feet west of the center line of Route 2; about 365 ft. north of the north curb of Franklin Avenue; on top of, and 0.50 foot south of the north end of, a concrete culvert wall. A standard monel rivet.

Elevation: 6.590 ft.

MON 806-HASBROUCK HEIGHTS, BERGEN COUNTY. On the east side of Route 2 about 90 feet south of the center line of Franklin Ave.; 66.49 ft. south of a cross cut in the curb; 48.39 ft. east of the north east corner of the west wall of a culvert; 18.94 ft. north of the north west corner of the east wall of the same culvert; 18.94 ft. north of the north west corner of the east wall of the same culvert, and level with grade. A standard U.S.C.&G.S.&S.B. bronze disk stamped "806" and set in concrete.

Elevation: 5.678 ft.

RV 16- HASBROUCK HEIGHTS, BERGEN COUNTY. At the northeast corner of the intersection of Terrace Avenue and Henry Street, about 100 ft. northeast of the corner of the Cathcart Gardens Apartments, 36 ft. east of the center line of Terrace Avenue, 30 ft. north of the center line of Henry St., and in the top of the concrete curb. A standard monel metal rivet. (A 1st Order B.M.)

Elevation: 38.843 meters or 127.437 feet.

RV 803-HASBROUCK HEIGHTS, BERGEN COUNTY. About 30 feet west of the center line of Route 2; about 440 feet south of the south curb of Henry Street; about 56 feet north of a 6 inch square highway monument; in top of the south end of the west wall of a concrete culvert; 0.50 feet north of the south end and 0.50 foot east of the west face. A standard monel rivet.

Elevation: 10.061 ft.

MON 807-HASBROUCK HEIGHTS, BERGEN COUNTY. On the east side of Route 2, south of Henry Street; 12.95 ft. north of the northwest corner of the east wall of a culvert; 46.66 ft. north east of the north east corner of the west wall of the same culvert; 2.93 ft. east of a cross cut in the pavement; and level with grade. A standard U.S.C.&G.S.&S.B. bronze disk stamped "807" and set in concrete.

Elevation: 9.437 ft.

F 12- WOODRIDGE, BERGEN COUNTY. At the intersection of Hackensack Street and Marlboro Road about 105 ft. south of the center of Hackensack Street, in the north face of public school 2, 15 ft. west of the center of the main entrance, and 4 ft. higher than the concrete porch. A standard disk, stamped "F 12 1933" and set vertically. (1st Order)

Elevation: 42.726 meters or 140.177 feet.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 6

- RV 804- WOODRIDGE, BERGEN COUNTY. About 18.7 feet west of the center line of Route 2; about 57 feet south of the center line of Moonachie Avenue; 91.40 feet north of the north wall of a garage; 38.10 feet south of the center of a State Highway Department Manhole cover; 0.50 feet north of the north end of a catch basin; in the top of the curb. A standard monel rivet.
Elevation: 32.049 ft.
- 188.12(NJGS)-WOODRIDGE, BERGEN COUNTY. At the southwest corner of the intersection of Union Avenue and Hackensack Street, on the Hackensack Street side of public school 1, and on the top surface of the south basement windowsill, 8 feet higher than the street level and 0.6 ft. higher than the ground. A chiseled cross. (A First Order B.M.)
Elevation: 57.453 meters or 188.494 ft.
- RV 15 - WOODRIDGE, BERGEN COUNTY. At the intersection of Hackensack and Centre Streets, about 400 feet southwest of Woodridge School 1, 25 feet southwest of the center line of Centre St., 18 feet northeast of the center line of Hackensack Street, and in the top of the concrete curb. A standard monel metal rivet. (A First Order B.M.)
Elevation: 58.620 meters or 192.322 feet.
- RV 805- CARLSTADT, BERGEN COUNTY. About 29.7 feet west of the center line of Monroe Street (Route 2) about 143 feet north of the center line of Passaic Avenue, in the top of the wall of a culvert, about 72 feet south west of pole 60367-CST; 0.5 foot south of the north end of the culvert wall. A standard monel rivet.
Elevation: 11.265 ft.
- MON 808- CARLSTADT, BERGEN COUNTY. On the east side of Route 2 about 1750 feet north of Division Avenue; 46.84 feet north of pole No. PS 747 CST; 73.60 feet south of pole No. PS 748 CST; 187.06 feet south east of the south curb end of a catch basin; and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "808" and set in concrete.
Elevation: 14.633 ft.
- MON 809- CARLSTADT, BERGEN COUNTY. On the east side of Route 2 about 265 feet north of Division Avenue; 80.38 feet north of the north west corner of the building of the Carlstadt Consumers' Ice Company; 99.31 feet south of pole No. PS 138 CST; 16.81 feet east of a cross in the rim of a manhole frame, and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "809" and set in concrete.
Elevation: 8.085 ft.

NEW JERSEY

Bergen County
1939

GEOLOGIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BLR-B, page 7

E 12 - CARLSTADT, BERGEN COUNTY. On Hackensack Street, between Hoboken and Broad Streets, at the south-east end of Small Street, 30 feet southeast of the center of Hackensack St., in the front of the Carlstadt National Bank and in the top of a stone ledge, 2.5 feet higher than the sidewalk. A standard disk, stamped "E 12 1933". (A First Order B.M.)

Elevation: 28.780 meters or 94.422 ft.

RV 506 - EAST RUTHERFORD, BERGEN COUNTY. On the south west corner of the intersection of Route 2, Paterson Avenue, and the Paterson Plank Road; about 31 feet south of the center line of the Plank Road; 0.50 feet south east of the south east curb end of a catch basin located in the south east curb of Paterson Avenue; in and level with the top of the curb. A standard monel rivet.

Elevation: 11.012 ft.

MON 810 - EAST RUTHERFORD, BERGEN COUNTY. On the east side of Route 2 about opposite the south line of Union Avenue; 298.35 feet east of the intersection of a wall and fence on the south west corner of Union Avenue and Route 2; 90.00 feet south east of pole No. 740 ERF; 19.40 feet south west of pole No. 739 ERF; and level with the ground. A standard U.S. C. & G.S. & S.S. bronze disk stamped "810" and set in concrete.

Elevation: 8.493 ft. DESTROYED

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 8

- RV 807- EAST RUTHERFORD, BERGEN COUNTY. About 26 feet west of the center line of Route 2, about 0.5 mile south of the Paterson Plank Road; about 1.0 mile north of Union Avenue, in the top of the wall of a culvert; 71.00 feet west of pole No. PS 733 ERF; 98.80 feet north west of pole No. PS 734 ERF; and 0.50 foot north of the south end of the culvert wall. A standard monel rivet.
Elevation: 4.473 ft.
- C 12- RUTHERFORD, BERGEN COUNTY. At the east end of Park Avenue, at the north end of Orient Street, about 100 yards east of the Rutherford National Bank, in the west face of the Erie Railroad Station, and 5 feet higher than the sidewalk. A standard disk, stamped "C 11 1933" and set vertically. (let
Elevation: 14.572 meters or 47.808 ft. (Order)
- MON 6866-EAST RUTHERFORD, BERGEN CO. On the SE side of Rte. #2, about 18.10 ft. SE from centerline of Rd.; 41.75 ft. southwest from a cup tack, about 1 ft. up pole 738-ERF; 9.35 ft. southwest from a cup tack, about 1 ft. up, pole 739-ERF; 4.02 ft. southwest from the southwest corner of end post of a guard rail fence; 49.29 ft. east from a cross cut in curbing and 44.11 ft. south from a cross cut in roadway. A standard N.J.G.C.S. disk, set in concrete, about 4" below surface.
Elevation: 7.824 ft.
- MON 6867-EAST RUTHERFORD, BERGEN CO. On the SE side of Rte. #2, about 70 ft. northeast of a pillar of viaduct carrying the main line of the Erie R.R. over Rte. #2; about 19.2 ft. SE from centerline of road, and about 160 ft. southwest of end post of a guard rail fence; 16.31 ft. north from a cross cut in curbing; 39.93 ft. east of a cross cut in curbing; and 28.87 ft. south from cross lines in figure "4" of slab number 747. A standard N.J.G.C.S. disk, set in concrete, about 4 in. below surface.
Elevation: 5.208 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-B, page 9

- 43.14(N.J.G.S.)#1 (City of Rutherford). At RUTHERFORD, BERGEN CO. At the east end of Park Avenue, at the north end of Orient Street, about 100 yards east of the Rutherford National Bank, at the south side of the Erie Railroad station, and on the door step, 1 foot higher than the sidewalk. A chiseled cross. (A First Order B.M.)
Elevation: 13.194 meters or 43.287 feet.
- D 12- RUTHERFORD, BERGEN COUNTY. On Erie Street, about 225 ft., northwest of the center line of Hackensack Street, about 150 yds. south of the Erie Railroad station, 33 feet east of the center line of Erie Street, in the masonry retaining wall of the railroad, and 4.5 feet above the ground. A standard disk, stamped "D 12 1933". (A First Order B.M.)
Elevation: 7.998 meters or 26.240 ft.
- RV 808- RUTHERFORD, BERGEN COUNTY. 15.40 feet east of the east curb of Route 2 at the east abutment of the Erie Railroad Bridge north of Meadow Road (Hackensack Street); in the top of the north wing wall; 1.13 feet east of the west face, and 0.83 feet south of the north end, of the wall. A standard monel rivet.
Elevation: 19.176 ft.
- MON 811- RUTHERFORD, BERGEN COUNTY. On the south east side of Route 2 at its intersection with Meadow Road and Highland Cross; 109.54 feet south east of the south east corner of an American Gasoline Service Station; 232.44 feet north of the north west corner of the Normandy Laundry Co.'s building; 97.34 feet east of pole No. PS 1729 RF and 303 F; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "811" and set in concrete.
Elevation: 13.949 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

BER-B, page 10

- RV 809- RUTHERFORD, BERGEN COUNTY. About 21 feet east of the center line of Route 2 and across the highway from, and about 4.5 feet north of, the center line of East Pierrepont Av., 73.00 feet north west of the north west corner of the office building of the "Bonny Dell Farms" Dairy; 0.50 feet south of the south curb end of a catch basin; and in the top of the curb. A standard monel rivet.
Elevation: 17.039 ft.
- MON 812-RUTHERFORD, BERGEN COUNTY. On the northeast corner of the intersection of Route 2, Meadow Road, and Crane Street; 50.00 feet east of a large cross in the curb at the southerly corner of the intersection of Meadow Road and Route 2; 89.83 feet northeast of the south curb-end of a catch basin on the east side of Route 2; 99.00 feet southeast of a cross cut in the rim of a Bingham water valve cover, and level with grade. A standard U.S.C.&G.S.&S.B. bronze disk stamped "812" and set in concrete.
Elevation: 27.319 ft.
- RV 810- LYNDBURST, BERGEN COUNTY. About 64 feet south of the center line of Rutherford Avenue, at the entrance to Hillside Cemetery, about 105 feet east of the center line of Orient Way, in the top of the northwest corner of the coping of the north east gate post, and 3.0 feet higher than the ground surface. A standard monel rivet.
Elevation: 92.593 ft.
- RV 820- LYNDBURST, BERGEN COUNTY. On the southeast corner of the intersection of Ridge Road and 3rd Avenue; about 39.5 feet south of the center line of 3rd Avenue; about 25.25 feet east of the center line of Ridge Road; about 30.00 feet southeast of the center of a manhole cover; and in the top of the curb. A standard monel rivet.
Elevation: 67.966 ft.
- 37 (?) - LYNDBURST, BERGEN COUNTY. On the Delaware, Lackawanna & Western Railroad, about 0.3 mile west of the station, at the west end of the bridge over Passaic River, and on the top of the north capstone of the west abutment, at the track level. Achiseled cross. (A First Order B.M.)
Elevation: 11.371 meters or 37.306 feet.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 11

- EAST(U.S.E)=38,885 (D.L.&W.R.R.) LYNDHURST BERGEN COUNTY. On the Delaware, Lackawanna & Western Railroad, about 0.2 mile west of the station, at the east end of the bridge over Passaic River, 8.5 feet north of the center line of track 1, and in the top of the north capstone of the east abutment, at the track level. A 1-inch round casting, lettered "U.S.E.D. H.L. STA." (A First Order B.M.)
Elevation: 11.930 meters or 39.140 feet.
- RV 811- LYNDHURST, BERGEN COUNTY. About 28.8 feet east of the center line of Ridge Road, about 39.6 feet south of the center line of Valley Brook Avenue; 18.80 feet southeast of the center of a manhole cover; 0.50 feet south of the south curb-end of a catch basin; and in the top of the curb. A standard monel rivet.
Elevation: 64.078 ft. DESTROYED
- 38.317 (NJGS)-LYNDHURST, BERGEN COUNTY. At the intersection of Stuyvesant and Court Avenues, about 50 yards west of the Delaware, Lackawanna & Western Railroad station, at the west end of the overhead bridge, 16½ feet north of the south rail of track 1, and on the top of the north stone backwall of the west abutment. A chiseled cross. (1st Order)
Elevation: 11.757 meters or 38.573 ft. Order)
- A 12 - LYNDHURST, BERGEN COUNTY. At the intersection of Park and Court Avenues, 93 feet east of the center of Court Avenue, 27 feet south of the center of Park Avenue, at the Delaware Lackawanna & Western Railroad bridge over Park Avenue, and in the south masonry back wall, 4 feet higher than the sidewalk. A standard disk, stamped "A 12 1933" (1st Order)
Elevation: 8.241 meters or 27.037 ft. Order)
DESTROYED
- Z 11 - LYNDHURST, BERGEN COUNTY. At the southwest corner of the intersection of Stuyvesant Avenue and Fern Street, about 156 feet west of the center line of Fern Street, 86 feet south of the center line of Stuyvesant Avenue, at the north west corner of Franklin School, in the north face of the building, and 4 feet higher than the ground. A standard disk, stamped "Z 11 1933" and set vertically. (1st Order)
Elevation: 19.685 meters or 64.583 feet.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-B, page 12

- MON 813-LYNDHURST, BERGEN COUNTY. On the northeast corner of the intersection of Ridge Road and Kingsland Avenue; at Service Station No. 218 of the Standard Oil Co. of New Jersey; 63.25 feet north of the northwest corner of a 2-story brick store and apartment at No. 600 Ridge Road; 64.32 ft. west of the concrete base of a light standard on Kingsland Ave.; 82.36 feet south of the concrete base of a light standard on Ridge Road; and level with grade. A standard U.S.C.&G.S. &S.S. bronze disk stamped "813" and set in concrete.
Elevation: 100.620 ft.
- RV 812- LYNDHURST, BERGEN COUNTY. About 26 feet east of the center line of Ridge Road; 24.00 feet south of the south curb of Kingsland Avenue; 9.10 feet northwest of the center bolt of a hydrant; 0.50 feet south of the south curb-end of a catch basin; and in the top of the curb. A standard monel rivet.
Elevation: 100.616 ft.
- Y 11 - LYNDHURST, BERGEN COUNTY. At the intersection of Stuyvesant and Kingsland Avenues, about 300 feet east of the center line of Kingsland Avenue about 75 feet south of the center line of Stuyvesant Avenue, at the northeast corner of Roosevelt School, in the north face, and 2 feet higher than the ground. A standard disk, stamped "Y 11 1933" and set vertically. (A First Order B.M.)
Elevation: 13.422 meters or 44.035 feet.
- MON 814-LYNDHURST, BERGEN COUNTY. On the northeast corner of the intersection of Ridge Road and Union Avenue; 53.74 feet west of the southwest corner of the concrete step on the south side of the residence at No. 752 Ridge Road; 48.16 feet north of a cross in the rim of a manhole; 52.90 feet northeast of a cross on the rim of the manhole of a water gate; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "814" and set in concrete.
Elevation: 116.646 ft.
- RV 15- NORTH ARLINGTON, BERGEN COUNTY. On River Road, about 180 feet south of the Lyndhurst township line, 85 feet south of the junction of River Road and Jauncey Avenue, 5 feet south of a drop inlet, and in the top of the west curb of River Road, level with the finished grade of the road. A standard monel-rivet. (A First Order B.M.)
Elevation: 4.812 meters or 15.787 feet.

NEW JERSEY
GEODETIC CONTROL SURVEY

Bergen County
1939

DESCRIPTION OF BENCH MARKS

BER-B, page 13

RV 813- NORTH ARLINGTON, BERGEN COUNTY. About 25.30 feet west of the center line of Ridge Road, about 960 feet south of the center line of Canterbury Avenue; 9.60 feet south of the center of the base of a power-line tower; 36.90 feet north of pole No. PS 59398; and in the top of the curb. A standard monel rivet.

Elevation: 120.345 ft.

RV 814- NORTH ARLINGTON, BERGEN COUNTY. On the east side of Ridge Road north of Beaver Avenue, at the main entrance to the Lincoln Public School (no. 1), 0.26 feet south of the south face of the cast stone base of the brick pilaster at the north side of the entrance; 1.22 feet west of the west face of the brick reveal; and in the top of the top step. A standard monel rivet.

Elevation: 139.985 ft. DESTROYED.

RV 12- NORTH ARLINGTON, BERGEN COUNTY. At the junction of Arlington Boulevard and River Road, about 3,500 feet north of the Belleville Avenue bridge over Passaic River, at the high-water mark on the east bank of the river, 75 feet east of the low-water mark, on the south side of the boulevard, at a concrete culvert, in the top of the west headwall, and 2 feet south of the north end. A standard monel metal rivet.

Elevation: 2.378 meters or 7.802 feet.
(1st Order)

MON 815- NORTH ARLINGTON, BERGEN COUNTY. On the west side of York Road south of Front Street; 18.46 feet southwest of the southerly curb-end of a catch basin at the southwest corner of the intersection; 41.91 feet northeast of the north east corner of the cheek wall at the steps leading to dwelling No. 69 York Road; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "815" and set in concrete.

Elevation: 116.562 ft.

MON 817- NORTH ARLINGTON, BERGEN COUNTY. On the west side of York Road, south of Belmont Avenue; 53.10 feet southwest of the west curb-end of a catch basin on the southeast corner of the intersection; 52.33 feet west of the southwest corner of the cheek wall at the steps leading to dwelling No. 24 York Road; 61.70 feet northwest of the northwest corner of the cheek wall at the steps leading to dwelling No. 20 York Road; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "817" and set in concrete.

Elevation: 121.555 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
Essex County
1939

BER-B, page 14

- MON 815 -NORTH ARLINGTON, BERGEN COUNTY. 11.53 feet east of the east curb of Ridge Road, about 100 ft. south of the center line of Inman Place; 41.73 feet northwest of the northwest corner of the concrete block dwelling at No. 108 Ridge Rd.; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "815" and set in concrete.
Elevation: 135.628 ft.
- RV 815- NORTH ARLINGTON, BERGEN COUNTY. At the North Arlington National Bank, on the west side of Ridge Road north of the Belleville Turnpike, on the top of the north stone stringer at the steps at the main entrance; 0.50 feet east of the east wall of the building and 0.97 feet north of the south face of the stringer. A standard monel rivet.
Elevation: 149.026 ft.
- MON 816- NORTH ARLINGTON, BERGEN COUNTY. On the east side of Ridge Road north of the Belleville Turnpike, in front of No. 10 Ridge Road (vacant lot); 27.11 feet north of the northwest corner of the frame store and dwelling at No. 6 Ridge Road; 28.35 feet southwest of the southwest corner of the frame store and dwelling at No. 12 Ridge Road; 22.23 feet south east of pole No. 80001 WA; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "816" and set in concrete.
Elevation: 148.094 ft.
- MON 1221-NORTH ARLINGTON, BERGEN COUNTY. On the north side of the Belleville Turnpike about 170 feet west of the center line of Ridge Road; 46.53 feet north east of the northwest corner and 50.84 feet north of the northeast corner, of the brick building at No. 210 Belleville Avenue (Turnpike); and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1221" and set in concrete.
Elevation: 150.759 ft.
- MON 1220-NORTH ARLINGTON, BERGEN COUNTY. 1.46 feet north of the north curb of the Belleville Turnpike, west of Passaic Av.; 17.73 feet southwest of pole No. PS 322 NA; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1220" and set in concrete.
Elevation: 12.743 ft. REMOVED.
- N.J. (N.J. H.D.)-BELLEVILLE, ESSEX COUNTY. About 150 ft. southwest of the concrete balance weight of a drawbridge, 32 feet south-east of the main entrance to the Dutch Reformed Church, 20 ft. west of the west curb of Main Street, and 6 inches higher than the sidewalk. A New Jersey Highway Department standard disk, stamped "N.J." and set in the top of a concrete post. (A First Order B.M.)
Elevation: 3.602 meters or 11.818 feet.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
Essex County
1939

BER-B, page 18

BELLEVILLE- BELLEVILLE, ESSEX COUNTY. About 150 ft. SW of the concrete balance weight of a drawbridge, 33 ft. SE of the main entrance to the Dutch Reformed Church, 16 ft. W of the W curb of Main St., and 6 inches higher than the sidewalk. A standard disk, stamped "BELLEVILLE 1933" and set in the top of a concrete post. (A First Order Bench Mark.) Elevation: 3.481 meters or 11.421 ft.

REPLACEMENT OF MON. 810:

MON. 6666 - EAST RUTHERFORD, BERGEN COUNTY. On the SE side of Rte. "2, about 18.10 ft. SE from centerline of road; 41.75 ft. southwest from a cup tack, about 1 ft. up, pole 738-ERF; 9.35 ft. SW from a cup tack, about 1 ft. up, pole 739-ERF; 4.02 ft. southwest from the southwest corner of end post of a guard rail fence; 49.29 ft. east from a cross cut in curbing and 44.11 ft. south from a cross cut in roadway. A standard N.J.G.C.S. disk, set in concrete, about 4" below surface.
Elevation: 7.815 ft.

ADDITIONAL BENCH MARKS:

RV 6840 - HACKENSACK, BERGEN COUNTY, N.J. On the south corner of the first step of cement walk leading to #43 State St. on the west side of State St. south of Sussex St.; 26.44 feet south west of the top nut on fire hydrant; 29.26 feet southwest of water shut off in center of State St.; 86.20 feet west of cup tack 1 1/2 feet up on south side of Pole 60346 HS on east side of State St., south of Korrie St. A standard monel rivet, set in cement.
Elevation: 9.441 ft.

RV 6851 - HACKENSACK, BERGEN COUNTY, N.J. On the southeast corner of Essex Street and Polifly Road, set in concrete curb; 9.63 ft. north of center of top nut of a fire plug located on the east side of Polifly Road; 24.73 ft. west of a cup tack on the west side of pole 925-HS situated on the south side of Essex Street, and 14.59 ft. south of a cross cut on the rim of a manhole in Essex St. A standard monel rivet.
Elevation: 27.797 ft.

NEW JERSEY

Bergen County
1939

GEOLETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

BER-B, page 16

ADDITIONAL BENCH MARKS:

- MON 6864- CARLSTADT, BERGEN CO. On the southwest corner of Rte. #2 and Paterson Ave.; about 25.8 ft. NW from centerline of Rte. #2, and about 55 ft. northwest from pole 447-ERF; 23.88 ft. northeast of the northeast corner of foundation stone under frame extension of plant of the Uniflex Rubber Co.; 26.87 ft. north of a cross cut in curbing; 34.98 ft. southeast of southeast corner of a catch basin at curb; and 46.19 ft. east from a cup tack, about 1 ft. up, pole 59724-CS. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 9.591 ft.
- MON 6865- EAST RUTHERFORD, BERGEN CO. On the east side of Rte. #2, opposite Stanley St.; 45.91 ft. north from a cup tack, about 1 ft. up pole 728-ERF; 64.13 ft. southwest of a cup tack, about 1. ft. up pole 727-ERF, and about 75 ft. southeast of a fire hydrant; 28.22 ft. southwest of the southwest corner of end post of a guard rail fence; 30.91 ft. northwest of the most northerly corner of a cast iron cover; 41.19 ft. southeast of a cross cut in curbing; about 20.8 ft. SE from centerline of road. A standard N.J.G.C.S. disk, set in concrete, about 2 in. below surface.
Elevation: 4.176 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY

Bergen County
1974

DESCRIPTION OF BENCH MARKS

BER-C Page 1

STARTING AT RIDGEFIELD, BERGEN COUNTY, AND RUNNING WEST ON THE BERGEN TURNPIKE THROUGH RIDGEFIELD PARK AND LITTLE FERRY TO HASBROUCK HEIGHTS.

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. 1207 - RIDGEFIELD, BERGEN COUNTY. On the west side of Broad Ave. (U.S. Highway Route 9) at the south west corner of its intersection with Edgewater Avenue, at the entrance to a one-story brick building, in the top of the south east corner of the concrete step. A standard monel rivet.
Elevation: 26.411 ft.
- RV. 1225 - RIDGEFIELD, BERGEN COUNTY. On the west side of the Bergen Turnpike, on the south end of the bridge over Overpeck Creek, in the top of the concrete abutment. A standard monel rivet.
Elevation: 6.603 ft. DESTROYED
- RV. 1226 - RIDGEFIELD PARK, BERGEN COUNTY. On the north west corner of the intersection of the Bergen Turnpike and Teaneck Rd. (Main Street). at a brick building, in the first window sill west of Teaneck Road. A standard monel rivet.
Elevation: 9.324 ft.
- RV. 1227 - RIDGEFIELD PARK, BERGEN COUNTY. On the south side of the Bergen Turnpike about 100 feet east of the West Shore Railroad, at the west side of the most westerly entrance to the building at No. 53 Bergen Turnpike, in the concrete doorsill. A standard monel rivet.
Elevation: 8.910 ft.
- RV. 1228 - LITTLE FERRY, BERGEN COUNTY. On the south west corner of the intersection of the Bergen Turnpike, Main Street, and Washington Avenue, at the Little Ferry National Bank, in the south end of the concrete sill at the Main entrance thereto. A standard monel rivet.
Elevation: 6.205 ft.
- MON. 805 - HASBROUCK HEIGHTS, BERGEN COUNTY. On the east side of Polifly Road at the northerly end of the concrete bridge over State Highway Route 2; 2.90 ft. east of a cross cut in the center of the top of the east concrete girder; 65.93 ft. north of the north west corner of the center concrete post supporting the iron hand rail on the east side of the sidewalk; 13.76 ft. south of pole # 87 HBH; set into and level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "805" and set in concrete.
Elevation: 44.229 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY

Bergen County
1934

DESCRIPTION OF BENCH MARKS

BER-C Page 2

- G 12 - HASBROUCK HEIGHTS, BERGEN COUNTY. On Terrace Avenue, about 150 yards west of the city limits of Hackensack, 25 feet south of the centerline of Terrace Avenue, at the undercrossing of State Highway 2, and in the top of the east end of the south balustrade, 4 feet higher than the sidewalk. A standard disk, stamped "G12 1933".
Elevation: 14.660 meters or 48.097 feet

TIES TO N.J.G.S. BENCH MARKS IN RIDGEFIELD.

- NJGS 14.35-RIDGEFIELD, BERGEN CO. A cross cut in the south end of the sill of the front door of the ladies waiting room of the station of the Northern Branch of the Erie Railroad.
Elevation: 14.719 ft.

- NJGS 5.96- RIDGEFIELD, BERGEN CO. A cross cut in the southwest corner of the west end (at the northwest corner of the draw) of the north abutment of the bridge which carries Bergen Turnpike over Overpeck Creek, half a mile west of the depot.
Elevation: 6.303 ft.

LOCAL CONTROL SURVEY

Bergen County
1934

STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKS

BER-D page 1

STARTING AT ENGLEWOOD, BERGEN CO., AND RUNNING EAST ON ROUTE #4 TO THE GEORGE WASHINGTON BRIDGE; THENCE SOUTH OF RIVERROAD (HUDSON TERRACE) THROUGH FORT LEE AND EDGEWATER TO THE COUNTY LINE; THENCE SOUTH ON RIVER ROAD THROUGH NORTH BERGEN, GUTTENBERG, AND WEST NEW YORK TO HUDSON BLVD. EAST; THENCE SOUTH ON BLVD. EAST TO 37th ST., WEEHAWKEN; THENCE WEST ON 37th ST. (UNION ST.) TO TONNELLE AVE. (ROUTE #1).

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. 1403 - ENGLEWOOD, BERGEN CO. On the top of the post of the north guard rail over the west abutment of Route #4 overpass above Broad Ave. A standard monel metal rivet.
Elevation: 70.907 ft.
- MON. 1403- ENGLEWOOD, BERGEN CO. On the north side of Route #4, 4.60 ft. north of the north curb, about 219.00 ft. west of the west end of the north guard-rail in Route #4 bridge over Flat Rock Brook, and level with the ground. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped "1403".
Elevation: 107.116 ft.
- RV. 1402 - ENGLEWOOD, BERGEN CO. On the north side of Route #4, at its intersection with Jones Road, in the base moulding of the north abutment wall carrying Jones Road over Route #4, and 4.00 ft. east of the west end of said abutment wall. A standard monel rivet.
Elevation: 132.024 ft.
- RV. 1401 - ENGLEWOOD, BERGEN CO. On the west side of Route #4, on the northwest corner of its intersection with Myrtle Ave., about 78.00 ft. west of the centerline of Rte. #4 and in the east end of a concrete culvert. A standard monel rivet.
Elevation: 159.695 ft. DISTURBED
- MON. 1400- FORT LEE, BERGEN CO. On the south side of Route #4, about 76.80 ft. west of the centerline of Lemoine Ave., about 138.00 ft. south of the centerline of Route #4, 5.22 ft. south of the southwest corner of the south end concrete post supporting the west guard rail in the Lemoine Ave. overpass, on the sidewalk level with the ground. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete, and stamped "1400".
Elevation: 299.586 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-D, page 2

- RV 1400 - FORT LEE, BERGEN COUNTY. On the south side of Route 4, at its intersection with Lemoine Avenue, in the south abutment wall of the Lemoine Avenue overpass, in the center of the east ledge and about 5.50 feet below the level of the overpass sidewalk. A standard monel rivet.
Elevation: 295.604 ft.
- RV 1243- FORT LEE, BERGEN COUNTY. On the north side of Main Street, on the northwest corner at its intersection with Lemoine Avenue, at the entrance to the Fort Lee Trust Company, on top of the stone step leading thereto. A standard monel rivet.
Elevation: 288.271 ft.
- RV 1244- FORT LEE, BERGEN COUNTY. On the west side of Palisade Avenue (Route 3-1-A), on the south west corner of its intersection with West View Avenue, 80.00 feet south of the center line thereof at a Richfield Gas Station, on the concrete base of the gas pumps, 5.40 feet north of the south end and 0.45 foot west of the east edge thereof. A standard monel rivet.
Elevation: 290.089 ft.
- RV 1245- FORT LEE, BERGEN COUNTY. On the east side of Hudson Ter., 108.00 feet east of the center line thereof, about 1450.00 feet south of the George Washington Bridge, and due east of house No. 2103 Hudson Terrace. A standard monel rivet set in diabase bed rock.
Elevation: 251.509 ft.
- MON 1241- EDGEWATER, BERGEN COUNTY. On the west side of River Road, on the north west corner of its intersection with Leary Lane, 2.50 feet north of the north curb of Leary Lane, 1.80 feet west of the west curb line of River Road, 4.19 feet south east of a cross out in the south end of the east masonry wall at this corner and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1241" and set in concrete.
Elevation: 102.436 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-D, page 3

- RV 1246- EDGEWATER, BERGEN COUNTY. On the west side of River Road, on the north west corner of its intersection with Leary Lane, about 21.00 feet north of the north line thereof, 6.00 feet west of the west line of River Road at house No. 1534 River Road, on the south west corner of the first concrete step leading thereto. A standard monel metal rivet.
Elevation: 104.152 ft.
- MON 1232- EDGEWATER, BERGEN COUNTY. On the west side of River Road, 46.20 feet north of the north curb of Maple Street; 5.90 feet west of the west curb of River Road, 2.13 feet south east of a "cup tack" in the southeast corner of the building at No. 1482 River Road; 5.68 feet north west of a cross out in the curb; 14.72 feet north of a cross out in the sidewalk; 39.50 feet north of the north west corner of a catch basin, and level with the ground. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1232" and set in concrete.
Elevation: 61.897 ft.
- MON. 1231-EDGEWATER, BERGEN COUNTY. On the east side of River Road, 260.00 feet south of the Fort Lea- Edgewater boundary line, 23.80 feet east of the center line of River Road, 1.45 ft. east of the curb, 17.85 feet south west of pole No. P8 2-EWR., and level with the ground. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1231" and set in concrete.
Elevation: 146.196 ft.
- RV 1247- EDGEWATER, BERGEN COUNTY. On the west side of River Road, 40.00 feet south of the center line of Park Street; at house No. 1339 River Road, on the entrance step leading thereto. A standard monel rivet.
Elevation: 61.067 ft.
- STERLING(U.S.E.D.)- EDGEWATER, BERGEN CO. On the west side of River Road, 8.10 feet north of the south curb of Sterling Place; 29.00 feet west of the center line of River Road, and level with the pavement. A U.S. Harbor Line Reference mark.
Elevation: 62.279 ft. DESTROYED

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BER-D, page 4

MON. 1233- EDGEWATER, BERGEN COUNTY. On the east side of River Road, 193.00 feet south of the south side of Sterling Place projected; 8.60 feet east of the east curb line of River Road; 2.99 feet south of a nail in a 6 inch tree; 7.92 ft. south east of a concrete guard rail post; 10.76 feet east of a nail in pole No. P8 42 EWR, and level with the ground. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1233" and set in concrete.

Elevation: 63.857 ft.

MON. 1234- EDGEWATER, BERGEN COUNTY. On the west side of River Road, 1.70 feet west of the west curb line thereof; 181.40 feet north of the north curb line of Glenwood Avenue, in front of building No. 1190 River Road; 27.13 feet north east of a cross about 4.60 feet above ground out in the masonry of the south retaining wall at the steps leading to said building; 7.11 feet south of a cross 2.60 feet above ground out in the retaining wall in front of said dwelling and located upon and level with the concrete sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1234".

Elevation: 21.445 ft.

MON. 1235- EDGEWATER, BERGEN COUNTY. 6.45 feet west of the west curb of River Road, in front of the 3-story brick and frame dwelling at No. 1000 River Road, 50.90 feet south west of a fire hydrant, 5.18 feet south west of a cross cut in the concrete sidewalk, 2.37 feet north of a cross cut in said sidewalk, on the concrete sidewalk and level therewith. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1235" and set in concrete.

Elevation: 12.557 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
Hudson County
1934

BER-D Page 5

MON. 1239-EDGEWATER, BERGEN COUNTY. On the north side of Undercliff Avenue, 2.30 feet north of the south curb of Vreeland Ter. (produced), 2.30 feet west of the west curb of Undercliff Avenue; 18.21 feet north east of the north east corner of the first concrete step leading to dwelling No. 154 Undercliff Avenue, and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1239" and set in concrete.

Elevation: 57.498 ft.

MON. 1240-EDGEWATER, BERGEN COUNTY. On the west side of River Road, 1.70 feet south of the south curb of Vreeland Terrace, 6.50 feet west of the west curb of River Road, 2.00 feet north east of a cross about 0.30 foot above ground cut in the concrete retaining wall enclosing the property of the Valvaline Oil Company, 2.00 feet south east of a cross cut in a catch basin, and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1240" and set in concrete.

Elevation: 11.488 ft.

MON. 1242-EDGEWATER, BERGEN COUNTY. On the south side of River Rd., about 550.00 feet east of the bridge over the West Shore Railroad; 28.03 feet south west of the south west corner of a catch basin, 4.81 feet south east of a nail in pole No. PS 60060 E W R, on the sidewalk and level therewith. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1242" and set in concrete.

Elevation: 36.855 ft.

MON. 1244-EDGEWATER, BERGEN COUNTY. On the east side of River Road, in front of the plant of the Ford Motor Company, and across the road from building No. 302 River Road; 2.30 feet east of the curb, 41.38 feet south east of a cross cut in the rim of a manhole, 77.80 feet south of a nail, 1.60 feet above ground in pole No. PS 60235 E W R; in the sidewalk and level therewith. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1244" and set in concrete.

Elevation: 11.801 ft.

RV 1249 - EDGEWATER, BERGEN COUNTY. On the east side of River Road at the entrance to the plant of Lever Bros.; on the water table at the north pilaster of the south wall. A standard monel rivet.

Elevation: 10.769 ft.

RV 1237 - NORTH BERGEN, HUDSON COUNTY. On the west side of River Road, about 2688.00 feet south of the entrance to the plant of Lever Bros.; 8.00 feet west of the west curb of River Road, on the west head wall of a concrete culvert; 4.00 feet north of the south end of the wall, and 3.80 feet higher than the pavement. A standard monel rivet.

Elevation: 18.888 ft.

NEW JERSEY

Hudson County
1934

GEODETTIC CONTROL SURVEY.

BER-D Page 6

DESCRIPTION OF BENCH MARKS

PT., 1246 (N.J.H.D.) - NORTH BERGEN, HUDSON COUNTY. On the center line of River Road about 1800 feet south of the Hudson-Bergen County line, at the south end or P.T. of a curve to the right (travelling south); 23.30 feet west of pole no. P.S 2773 NB; inside a cast iron box whose cover is level with the pavement. A cross cut in the top of a concrete monument.

Elevation: 13.083 ft.

PT., 1247 (N.J.H.D.) - NORTH BERGEN, HUDSON COUNTY. On the center line of River Road, about 3500 feet south of the Hudson-Bergen County line, at the north end or P.C. of a curve to the left (travelling south); 40.70 feet south east of pole no. PS 1592 NB; 37.00 feet north west of a telephone pole; inside a cast iron box whose cover is level with the pavement. A cross cut in the top of a concrete monument.

Elevation: 7.814 ft.

PT., 1248 (N.J.H.D.) - NORTH BERGEN, HUDSON COUNTY. On the center line of River Road, about 4775 feet south of the Hudson-Bergen County line, at the south end or P.T. of a curve to the left (travelling south); 28.8 feet north east of pole no. 60020 NB; set in a cast iron box whose cover is level with the pavement. A cross cut in the top of a concrete monument.

Elevation: 7.322 ft.

AFRICA - (Hudson County Engineer) - NORTH BERGEN, HUDSON COUNTY. On the center line of River Road, near the dock of the United Africa Co., Inc., opposite the fifth pine post from the north end of an iron fence located on the east side of the highway, 4 pavement slabs plus 2 feet south of the north end of a retaining wall located on the west side of the highway; inside a cast iron box whose cover is level with the pavement. A Hudson County Monument set in concrete.

Elevation: 12.828 ft.

RV 1238 - WEST NEW YORK, HUDSON COUNTY. On the west side of Hudson Boulevard East, at the entrance to house no. 1239-1241 on the south end of the first step leading thereto. A standard monel rivet. Elevation: 146.336

RV 1239 - WEST NEW YORK, HUDSON COUNTY. On the west side of Hudson Boulevard East, between 7th and 10th Streets, at house no. 1099, on the east end of the first step at the concrete porch. A standard monel rivet.

Elevation: 184.109 ft.

GEODETTIC CONTROL SURVEY

BER-D page 7

DESCRIPTION OF BENCH MARKS

- RV 1240 - WEEHAWKEN, HUDSON COUNTY. On the west side of Hudson Boulevard East, between Columbia Terrace and Clifton Terrace, at the entrance to the River Cliff Hall Apartments, on the north west corner of the step leading thereto. A standard monel rivet.
Elevation: 165.667 ft.
- MON. 1200-WEEHAWKEN, HUDSON COUNTY. On the south side of Hudson Boulevard East, on the south east corner of its intersection with Parkview Avenue, Highwood Terrace and Highwood Avenue; 2.29 feet south of the south curb of Hudson Boulevard East; 115.00 feet east of the east curb of Parkview Avenue; 26.35 feet north west of the north west corner of a 2½ story stucco dwelling at no. 720 Hudson Boulevard East, and level with the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1200" and set in concrete.
Elevation: 172.219 ft.
- RV 1241 - WEEHAWKEN, HUDSON COUNTY. On the north side of Highwood Terrace, between Nesbit Street and Hauxhurst Avenue, at dwelling no. 64 Highwood Terrace, on the east end of the first concrete step leading thereto. A standard monel rivet.
Elevation: 154.299 ft.
- MON. 1201-UNION CITY, HUDSON COUNTY. On the south side of 37th Street (Union Street); about 170.00 feet west of the curb of Park Avenue; 7.06 feet south of the curb of 37th St., 4.05 feet east of the north east corner of the brick building No. 113 - 37th Street; 20.00 feet west of a pole, and level with the grade. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1201" and set in concrete.
Elevation: 169.379 ft.
- RV 1242 - UNION CITY, HUDSON COUNTY. On the south side of 37th Street, on the south east corner of its intersection with Hudson Boulevard, on the water table at the north west corner of the First Methodist Episcopal Church. A standard monel rivet.
Elevation: 174.812 ft.
- RV 1216 - NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Garden Street), at its intersection with Paterson Plank Road, at brick and frame dwelling No. 708 Garden Street, at the north entrance thereto, on the concrete door sill and near the north end. A standard monel rivet.
Elevation: 25.749 ft.

NEW JERSEY
GEODETTIC CONTROL SURVEY

Hudson County
1954

BER-D Page 8

DESCRIPTION OF BENCH MARKS

MON. 1276-NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Garden Street); 17.24 feet south of a cross cut in the south curb of Paterson Plank Road; 1.35 feet east of a cross cut in the east curb of Route 1; 47.60 feet west of a telephone pole; 57.65 feet north east of an iron post, and about 1 inch higher than the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1276" and set in concrete.
Elevation: 29.519 ft.

MON. 1277-NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route (Tonnelle Avenue); about 345 feet north of the north curb of the Paterson Turnpike; 1.78 feet east of the east curb of Route 1; 2.96 feet south east of a cross cut therein and 6.19 feet north east of a similar cross cut in the east curb of Route 1, and $1\frac{1}{4}$ inches higher than the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1277" and set in concrete, set in iron box.
Elevation: 14.550 ft.

ADDITIONAL BENCH MARKS:

PT. 1402 -FORT LEE BOROUGH, BERGEN COUNTY, N.J. Under State Highway Department monument cover in State Highway Route #4, near its intersection with Route #6, No. 1402 is stamped on frame; 12 ft. west of center line of east bound approach of Route #4 at George Washington Bridge, and 25 ft. south of beginning of Route #4 proper; 283 ft. north of northerly end of the island separating the east and west bound traffic and 600 ft. north of the Route #6 over-pass. A punch mark in brass plug, set in concrete.
Elevation: 242.432 ft.

MON. 1442-FORT LEE BOROUGH, BERGEN COUNTY, N.J. On the north side of the west bound road leading from George Washington Bridge Plaza to State Highway Route #4, west of the over-pass carrying Route #9-W northward; 70 ft. west of the westerly curb line of Edwin Ave.; 29.96 ft. southwest and 58.28 ft. southeast from two brass nails (in lead) set in curb. A standard U.S.C. & G.S. & S.S. disk, set in bed-rock.
Elevation: 286.316 ft.

NEW JERSEY

GEODETTIC CONTROL SURVEY

Bergen County
1938DESCRIPTION OF BENCH MARKS

BER-J Page 1

STARTING IN PALISADES PARK, BERGEN COUNTY AT GRAND AVENUE AND HENRY STREET, AND RUNNING THENCE SOUTH ALONG GRAND AVENUE TO S.H.ROUTE #6 THENCE WEST ALONG ROUTE #6 THROUGH RIDGEFIELD PARK, LITTLE FERRY, LODI TOWNSHIP, BENDIX BORO AND HASBROUCK HEIGHTS TO HARRISON AVENUE, LODI, SAME COUNTY, THENCE SOUTH ALONG HARRISON AVENUE TO A POINT ABOUT 125 FT. NORTH OF HIGHLAND AVENUE, SAME LOCALITY; AND AN INTER-MEDIATE RUN STARTING IN LODI, SAME COUNTY, AT ROUTE #6 AND WEST-MINISTER PLACE AND RUNNING THENCE NORTH ALONG WESTMINISTER PLACE TO MARKET STREET, SADDLE RIVER TOWNSHIP, SAME COUNTY, THENCE EAST ALONG MARKET STREET TO WOODWARD STREET, SAME LOCALITY.

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 GEODETTIC SURVEY.

- MON.1210 - PALISADES PARK, BERGEN COUNTY. On the east side of Grand Avenue, on the north east corner of its intersection with Henry Street; 3.43 feet southeast of the south curb end of a catch basin on Grand Avenue; 15.97 feet west of the west curb end of a catch basin on Henry Street; 9.87 ft. west of the west end of a concrete wall on the north property line of Henry Street; and 2.0 ft. east of and level with the curb. A standard U.S.C.& G.S.& S.S. Bronze disk stamped "1210" and set in concrete.
Elevation: 32.609 ft.
- MON.3883 - BORO. OF PALISADE PARK, BERGEN COUNTY. On the west side of Grand Ave., just north of Rte.#6 overpass, at Reuter Soap Company; 42.42 ft. east of the southeast corner of the east side of building; 17.60 ft. south of cup tack 1 ft. up west side of pole PS-44-PSP; and 77.85 ft. north of tack 1 ft. up east side of pole PS-45-PSP. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 23.909 ft.
- MON.3884 - BORO. OF PALISADE PARK, BERGEN COUNTY. On the north side of Rte.#6, flush with the ground, opposite Pfister Chemical Company; 5.92 ft. west of tack in the 19th guard rail fence post west of bridge over Erie RR; 5.74 ft. southeast of a tack on the southeast corner of 20th fence post of same bridge; and 32.14 ft. north of center-line of Rte.#6. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 30.227 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County
1938DESCRIPTION OF BENCH MARKS

BER-J Page 2

- MON.3885 - RIDGEFIELD PARK, BERGEN COUNTY. On the south side of Rte.#6, northeast of a large billboard; 102.62 ft. east of a cup tack on north side of pole PS-1104-RFP; 8.05 ft. east of tack up northeast corner of 10th fence post east of PS Pole 1104-RFP; and 7.86 ft. northwest of tack up northwest corner of 11th post east of same pole, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 14.806 ft.
- MON.3886 - RIDGEFIELD PARK, BERGEN COUNTY. On the south side of Rte.#6, east of a disposal plant; 27.97 ft. south of the centerline of Rte.#6; 97.95 ft. west of a tack up the north side of Pole PS-1099-RFP; 93.65 ft. east of tack up northeast corner of anchor post of the guard rail along Rte.#6, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
~~DESTROYED.~~ Elevation: 10.493 ft.
- MON.3887 - RIDGEFIELD PARK, BERGEN COUNTY. On the southeast corner of Rte.#6 and Laurel Street; 42.60 ft. west of tack up north side of Pole #328-RFP; 42.45 ft. northwest of northwest corner of northwest brick column of Tydol Gas Station; 52.86 ft. east of tack 1 ft. up south side of PS Pole, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 46.661 ft.
- MON.3888 - RIDGEFIELD PARK, BERGEN COUNTY. On the north side of Rte.#6 east of east end of bridge over Hackensack River; 19.41 ft. east of southeast corner of bridge walk; 18.11 ft. east of southeast corner of bridge rail post; and 19.20 ft. west of tack up southwest corner of fifth fence post east of northeast corner of bridge, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 44.361 ft.
- RV. 1227 - RIDGEFIELD PARK, BERGEN COUNTY. On the south side of the Bergen Turnpike, about 100.0 ft. east of the West Shore Railroad, at the west side of the most westerly entrance to the building at No.53 Bergen Turnpike, in the concrete doorsill. A standard monel rivet.
Elevation: 8.910 ft.
- RV. 1228 - LITTLE FERRY, BERGEN COUNTY. On the southwest corner of the intersection of the Bergen Turnpike, Main St., and Washington Ave., at the Little Ferry National Bank, in the south end of the concrete sill at the Main entrance thereto. A standard monel rivet.
Elevation: 6.205 ft.

NEW JERSEY

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
1938

BER-J Page 3

- MON. 3889 - BORO. OF LITTLE FERRY, BERGEN COUNTY. In the southeast quadrant of the Little Ferry traffic circle at the intersection of Rte.#6 and Bergen Turnpike; 86.33 ft. south of cup tack 1 ft. up west side of Pole PS-636-LF; 26.52 ft. northeast of tack up east side of Pole ST137-LF; 61.88 ft. east of tack up west side of Pole PS-635-LF. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 8.314 ft.
- MON. 3890 - BORO. OF LITTLE FERRY, BERGEN COUNTY. In the sidewalk on the north side of Rte.#6, in the east angle of Summit Place; 9.36 ft. west of tack 1 ft. up north side of Pole BT-204-LF; 91.66 ft. east of tack 1 ft. up north side of Pole BT-203-LF; 40.50 ft. southeast of east side of metal stop sign post. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 23.970 ft.
- MON. 3891 - LODI TOWNSHIP, BERGEN COUNTY. On the south edge of the island in the center of Rte.#6, south of La Spina Farm Products Market, and northeast of John Bunny Market, about 100.0 ft. west of intersection of Rte.#6 and Lodi Ave.; 62.45 ft. northeast of the corner of a catch basin; 36.11 ft. west of the northwest corner of a metal box; 66.15 ft. southwest of the south edge of a metal Rte.#6 marker. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 8.646 ft.
- MON. 3892 - BORO. OF BENDIX, BERGEN COUNTY. On the north side of Rte.#6, about four-tenths of a mile west of its intersection with Lodi Ave.; at Slab #704; 21.87 ft. north of the centerline of the westbound lanes of Rte.#6; 5.16 ft. south of a cross cut on top of a guard rail post opposite Slab #704, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 5.947 ft.
- MON. 3893 - BORO. OF BENDIX, BERGEN COUNTY. In the center of the island on Rte.#6 opposite site of Bendix Aviation Corp. and Teterboro Golf Club; 25.95 ft. west of the west end of the center joint of the curb on the east end of island; 16.03 ft. north of the centerline of the east-bound lanes of Rte.#6; 45.39 ft. northwest of a cup tack, 1 ft. up the west side of a telephone pole, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 8.583 ft.

NEW JERSEY

GEODEMIC CONTROL SURVEY

Bergen county
1938DESCRIPTION OF BENCH MARKS

BER-J Page 4

- MON. 3894 - BORO. OF BENDIX, BERGEN COUNTY. On the south side of Rte.#6, east of the southeast corner of the bridge over the N.J. & N.Y.RR; 7.22 ft. east of the northeast corner of the bridge rail post; 28.64 ft. south of the centerline of Rte.#6; 12.78 ft. west of a cup tack 1 ft. up the northwest corner of the third fence post east of the bridge. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 36.767 ft.
- MON. 3895 - HASBROUCK HEIGHTS, BERGEN COUNTY. On an island in the center of Rte.#6 at its intersection with Collins Ave.; 68.76 ft. easterly from a cup tack, about 1 ft. up on the west side of Pole #60735-HRH, situated on the southerly side of Rte.#6; 54.60 ft. easterly from a cross cut on the rim of a manhole located just west of a triangle at entrance to Collins Ave., on the southerly side of Rte.#6; 35.23 ft. southerly from a cross cut on the rim of a manhole located in westerly traveled lane of Rte.#6; 19.12 ft. westerly from a cross cut on Slab #789-B also located in westerly traveled lane of the said Rte.#6, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 92.763 ft.
- MON. 3896 - BORO. OF HASBROUCK HEIGHTS, BERGEN COUNTY. On northerly side of Rte.#6, about 0.21 miles from ramp leading from boulevard; 37.94 ft. west of south corner of metal highway sign post on north side of Rte.#6; 121.08 ft. east of the east corner of catch basin; 52.76 ft. north of the north edge of island curbing; 119.0 ft. northwest of the southwest corner of catch basin at curb on the south side of ramp leading from boulevard, and opposite westerly end of concrete Slab #304-B. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 63.336 ft.
- MON. 3897 - BORO. OF LODI, BERGEN COUNTY. On the north side of Rte.#6; 0.4 miles east of the branch of the N.Y.S. & W.R.R., opposite Slab #146-B; 214.61 ft. west of the cup tack 1 ft. up north side of Pole #PS-1414-L; 93.71 ft. north of a cup tack 1 ft. north side of Pole #PS-1415-L, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 72.640 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County
1938DESCRIPTION OF BENCH MARKS

BER-J Page 5

- MON. 3898 - BORO. OF LODI, BERGEN COUNTY. On the north side of Rte.#6, opposite Slab #116-B; 151.94 ft. west of the northwest corner of a catch basin; 171.93 ft. east of the east edge of the east rail at the north edge of the pavement; 83.85 ft. north of the center of the top nut of the fire hydrant, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 32.463 ft.
- MON. 3899 - BORO. OF LODI, BERGEN COUNTY. On the north side of Rte.#6, at the northeast corner of the bridge over North Main St.; 5.23 ft. east of the southwest corner of the bridge rail column; 33.51 ft. north of the north edge of the island curbing; 64.57 ft. west of the south edge of a metal "Rte.#6" marker, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 43.155 ft.
- MON. 6800 - BORO. OF LODI, BERGEN COUNTY. In the west side and near the north curb of the triangular island at the intersection of Rte.#6 and Westminster Place; 27.35 ft. north of a cup tack 1 ft. up the west side of Pole PS-1428-L; 42.73 ft. east of a cup tack 1 ft. up the north side of Pole PS-193-L; 90.73 ft. west of a cup tack 1 ft. up the west side of Pole PS-192-L in front of a Gulf Gas Station. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 79.855 ft.
- MON. 3824 - BORO. OF LODI, BERGEN COUNTY. On the east side of Harrison Ave., 125.0 ft. (more or less) north of centerline of Highland Ave., extended, and 6.38 ft. east of the east curb of Harrison Ave.; 25.47 ft. south of a cut in base of fire hydrant; 77.61 ft. east of a cross cut in west curb of Harrison Ave., and 43.96 ft. east of a tack in base of Pole #PS-1423-G, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 192.036 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
1938-1939

BER-J Page 6

INTERMEDIATE RUN FROM MON. 6800 TO MON. 3829:

MON. 6817 - SADDLE RIVER TWP., BERGEN COUNTY. On the southwest corner of Market St., and Harrop Ave.; 12.90 ft. south of the edge of concrete pavement of Market St., and 15.0 ft., more or less, west of the centerline of Harrop Ave.; 67.12 ft. north of the southeast corner of a stucco service station; 35.20 ft. east of a cross cut in concrete base for gas pumps; 46.05 ft. south of a railroad spike in Pole #60269-SRT, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 55.086 ft.

MON. 3829 - SADDLE RIVER TWP., BERGEN COUNTY. On the north side of Market St.; 3.50 ft. east of the range of the east side of sidewalk on the west side of Woodward St.; 6.30 ft. north of the north curb of Market St.; 55.21 ft. north of face of steel post in concrete base for wire fence on the southwest corner of Market St., and Woodward St.; 63.55 ft. east of the southwest corner of extreme west concrete fence post in front of house #141 Market St.; 28.90 ft. west of the southeast corner of extreme east concrete fence post in front of same house, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 80.914 ft.

REPLACEMENT OF MON. 3886:

MON. 9808 - VILLAGE OF RIDGEFIELD PARK, BERGEN COUNTY. On south side of Rte. 6 east of disposal plant; 93.55 ft. east of cup tack one foot up on northeast corner of anchor post of guard rail; 27.97 ft. south from centerline of Rte. 6; 7.25 ft. south from cross cut near south edge of concrete slab #304; 13.34 ft. southwest of cross cut near south edge of concrete slab #303; 97.85 ft. west of cup tack one foot up on north side of Pole PS 1099 RPP. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 10.435 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County
1939

DESCRIPTION OF BENCH MARKS

BER-L Page 1

STARTING IN HASBROUCK HEIGHTS BORO, BERGEN COUNTY, AT TERRACE AVE., AND STATE HIGHWAY ROUTE #2, AND RUNNING THENCE NORTHERLY ALONG STATE HIGHWAY ROUTE #2 THROUGH HASBROUCK HEIGHTS BORO, HACKENSACK, BORO OF LODI AND BORO OF ROCHELLE PARK TO STATE HIGHWAY ROUTE #4, PARAMUS BORO, SANE COUNTY, THENCE EAST ALONG STAT. HIGHWAY ROUTE #4 TO FARVIEW AVE. (ROCHELLE AVE.), SAME LOCALITY.

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.

- G-12 - HASBROUCK HEIGHTS, BERGEN CO., N.J. On Terrace Avenue, about 150 yards west of the city limits of Hackensack; 25 ft. south of the centerline of Terrace Avenue, at the bridge over State Highway #2 and in the top of the east end of the south balustrade, 4 ft. higher than the sidewalk. A standard disk stamped "G-12-1935".
Elevation: 48.097 ft.
- MON.6804 - BORO OF HASBROUCK HEIGHTS, BERGEN CO., N.J. On the west side of Rte.#2; 166.60 ft. north of the centerline of Pleasantview Ave.; 33.70 ft. west of the centerline of Rte.#2; 76.91 ft. northeast of the northeast corner of white concrete house. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 70.487 ft.
- MON.6805 - HACKENSACK, BERGEN CO., N.J. On the east side of Rte. #2; about 250 ft. north of the centerline of Summit Ave.; 34.83 ft. east of the centerline of Rte.#2; 84.93 ft. southeast of a cup tack 1 ft. up the south side of Pole #PS-3255-NS; A standard N.J.G.C.S. disk, set in concrete.
Elevation: 55.270 ft.
- MON.6806 - BORO OF LODI, BERGEN CO., N.J. On the east side of Rte. #2; about 0.45 mile north of Summit Ave.; 32.83 ft. east of the centerline of Rte.#2; 198.40 ft. northeast of a cup tack 1 ft. up the north side of Pole #PS-1389-L; 73.58 ft. southeast of a cup tack 1 ft. up the south side of Pole #PS-1388-L. A standard N.J.G.C.S. disk set in concrete.
Elevation: 38.891 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-L page 2

MON 6807- BORO OF LODI, BERGEN CO., N.J. On the east side of Rt. #2 at a spur of the Erie Railroad; 38.83 ft. north of a tack 1 ft. up the west side of Pole 1404-L; 41.41 ft. south of a cup tack 1 ft. up the west side of Pole BT-215-L; 51.85 ft. east of the corner of a catch basin. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 37.733 ft.

MON 6808- BORO OF LODI, BERGEN CO., N.J. On the east side of Rte. #2, just south of Essex Street over-pass; 40.86 ft. northeast of the northeast corner of the keep-right sign on the island in center of Rte. #2; 35.18 ft. north of the northeast corner of a catch basin; 64.96 ft. northwest of a cup tack 1 ft. up the north side of Pole BT-208-L. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 41.113 ft.

MON 6809- BORO OF ROCHELLE PARK, BERGEN CO., N.J. On the east side of Rte. #2, about 800 ft. north of Essex St.; 25.49 ft. north of the northwest corner of the culvert wall on the east side of Rte. #2; 96.35 ft. northeast of the northeast corner of the culvert wall on the west side of Rte. #2; 88.19 ft. east of tack 1 ft. up south side of Pole PS-699-PW. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 46.340 ft.

MON 6810- BORO OF ROCHELLE PARK, BERGEN CO., N.J. On the east side of Rte. #2, about 1000 ft. south of the Susquehanna Railroad; 60.58 ft. east of tack 1 ft. up north side of Pole PS-330-RP; 69.18 ft. northeast of corner of a catch basin; 81.80 ft. northwest of the corner post of the metal fence around the grounds of the Maywood Chemical Works. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 63.681 ft.

MON 6811- BORO OF ROCHELLE PARK, BERGEN CO., N.J. On the east side of Rte. #2, about 85 ft. north of the Susquehanna Railroad; 82.84 ft. northeast of a cup tack 1 ft. up the north side of Pole PS-334-RP; 83.49 ft. northeast of a cup tack 1 ft. up the north side of Pole PS-325-RP; 27.33 ft. east of the centerline of Rte. #2. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 83.568 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County

1939

DESCRIPTION OF BENCH MARKS

BBR-L Page 3

- MON. 6812 - BORO OF ROCHELLE PARK, BERGEN CO., N.J. On the east side of Rte.#2, opposite Marinus Ave., opposite office of John Heverman & Sons, landscaping contractors; 79.19 ft. northeast of a cup tack 1 ft. up the north side of Pole #PS-318-RP; 101.64 ft. east of a cup tack 1 ft. up the south side of Pole #PS-60293-RP; 9.85 ft. northwest of the northwest corner of a concrete culvert. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 56.662 ft..
- MON. 6813 - BORO OF ROCHELLE PARK, BERGEN CO., N.J. On the east side of Rte.#2, near the southwest corner of the overpass over the Hudson River Trolley Line; 26.75 ft. east of the centerline of Rte.#2; 69.55 ft. southeast of the southeast corner of the bridge rail post and 6.69 ft. south of the southeast corner of bridge rail post. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 79.710 ft.
- MON. 6814 - PARAMUS BORO, BERGEN CO., N.J. On the southwest corner of Rte.#2 and Fairview Ave.; 11.09 ft. south of the south corner of the "Exit" signpost on the west side of the southbound ramp from Rte.#2 to Fairview Ave.; 61.08 ft. west of tack 1 ft. up south side of Pole #PSBY-494-PHS; 103.01 ft. southwest of the southwest corner of the bridge rail on the northwest side of the overpass. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 74.689 ft.
- MON. 6815 - BORO OF PARAMUS, BERGEN CO., N.J. On the west side of Rte.#2, about 1500 ft. south of Rte.#4; 19.09 ft. southwest of the southwest corner of a catch basin; 62.86 ft. west of the southeast corner of a catch basin; 35.72 ft. west of the centerline of Rte.#2. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 47.964 ft.
- MON. 6816 - BORO OF PARAMUS, BERGEN CO., N.J. Near the southwest corner of the overpass at the intersection of Rte.#2 and Rte.#4, about 105 ft. south of the centerline of Rte.#4; 42.98 ft. west of the centerline of Rte.#2; 86.41 ft. west of the southeast corner of the end of the bridge rail on the east side of the overpass over Rte.#4. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 65.078 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County
1939

DESCRIPTION OF BENCH MARKS

BER-L Page 4

BV. 1416 - PARAMUS, BERGEN CO., N.J. On Rte.#4, at the overpass carrying Farview Road (Rochelle Avenue); at the northwest supporting column, on the south face of the column, and in the top of the base moulding.
A standard monel rivet.
Elevation: 67.106 ft.

NEW JERSEY

Bergen County
1939

GEODETTIC CONTROL SURVEY

BER-M page 1

DESCRIPTION OF BENCH MARKS

STARTING IN TEANECK TWP., BERGEN COUNTY, AT ROUTE 4 AND TEANECK ROAD AND RUNNING THENCE NORTH ALONG TEANECK ROAD TO A POINT ABOUT 160 feet NORTH OF GENESEE AVENUE, SAME LOCALITY, THENCE SOUTH ALONG TEANECK ROAD TO STATE HIGHWAY ROUTE NO. 6, RIDGEFIELD PARK, SAME COUNTY, THENCE WEST ALONG STATE HIGHWAY ROUTE NO. 6 TO LAUREL STREET., SAME LOCALITY.

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 GEODETTIC SURVEY.

- RV. 1409 - TEANECK, Bergen Co. In the south walkway on Rte. 4 at the overpass carrying Rte. 4 over Teaneck Road; directly over the east edge of the east abutment, and 8" from the guard rail. A standard monel rivet.
Elevation: 106.443 ft.
- MON. 3600 - TWP. OF TEANECK, Bergen Co. On the east side of Teaneck Road about 160. ft. north of the centerline of Genesee Ave.; 31.4 ft. north of a tack in pole #61024-TN; 88.0 ft. south of a tack in pole #60540-TN; and 61.98 ft. southwest of the southwest corner of a 2 story frame building #1296 Teaneck Road. A standard U.S.C.&G.S.&S.S. disk, set in concrete, level with the ground.
Elevation: 104.452 ft.
- MON. 6895 - TEANECK TWP., Bergen Co. On east side of Teaneck Road, about 231 ft. south of Forest Ave.; 10.10 ft. east of a 14" water cap set in Teaneck Road; 52.78 ft. southeast from southwest corner of catch basin on west side of Teaneck Road; 87.35 ft. southwest of cup tack one foot up on Pole TN 61652; 37.93 ft. northeast of cup tack one foot up on east side of an electric light pole on the east side of Teaneck Road. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 96.858 ft.
- MON. 6896 - TEANECK TWP., Bergen Co. On west side of Teaneck Road, south of ramp leading to Rte. 4; 25.16 ft. east from east corner of C. Water Horn's real estate office; 44.77 ft. southwest of southwest corner of catch basin on west side of Teaneck Rd.; 71.90 ft. southwest of southeast corner of catch basin on east side of Teaneck Rd.; 82.04 ft. northwest of cup tack one foot up on west side of Pole 60051 TN. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 95.040 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-E page 2

- MON. 6897 - TEANECK TWP., Bergen Co. In lawn in front of Teaneck Public Library entrance; 132 ft. west from centerline of Teaneck Rd.; 74.72 ft. northwest from a sharp point on east side of memorial stone to John J. Wilkins; 37.01 ft. northeast from southeast corner of Library building; 36.00 ft. southeast from northeast corner of Library building. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 68.154 ft.
- MON. 6898 - TEANECK TWP., Bergen Co. On west side of Teaneck Rd. about 135 ft. northeast of Vanderlinda Ave.; 7.35 ft. northeast from northeast corner of culvert over brook on west side of Teaneck Rd.; 37.51 ft. northwest of the northeast corner of catch basin at curb on east side of Teaneck Rd.; 47.33 ft. north of top nut on fire hydrant on east side of Teaneck Rd.; 5.80 ft. north from north corner of catch basin at curb on west side of Teaneck Rd. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 53.991 ft.
- MON. 6899 - TEANECK TWP., Bergen Co. On northwest side of Teaneck Rd. about 175 ft. south of Dohrman Ave.; 65.79 ft. west of top nut on fire hydrant on south east side of Teaneck Rd.; 49.68 ft. southwest of southwest corner of cement wall of a 1½ story frame building on east side of Teaneck Rd.; 37.60 ft. northwest of cup tack one foot up on north side of Pole 60417 TN; 41.54 ft. northeast of northwest corner of catch basin at curb on west side of Teaneck Rd. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 36.330 ft.
- MON. 9800 - TEANECK TWP., Bergen Co. On west side of Teaneck Rd. about 141 ft. south of centerline of Copley Ave.; 70.17 ft. southwest of side wall of concrete step leading to white shingle house on northwest side of Teaneck Rd.; 85.93 ft. west of southwest corner of old brown cut-stone house on east side of Teaneck Rd.; 51.89 ft. west of cup tack one foot up on north side of Pole 60407 TN; 90.59 ft. northwest of cup tack one foot up on southwest side of Pole 60408 TN. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 41.274 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

BBR-M page 3

- MON. 9801 - TEANECK TWP., Bergen Co. On the east side of Teaneck Rd. about 105 ft. south of centerline of Fenmore St.; 7.98 ft. southwest of cup tack one foot up on west side of Pole 61195 TN; 44.46 ft. north of stone entrance to brick house at 371 Teaneck Rd.; 34.85 ft. northeast of north side wall of concrete step leading to 371 Teaneck Rd.; 99.64 ft. northeast of water gate 2542 inside of curb on west side of Teaneck Rd. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 56.588 ft.
- MON. 9802 - TEANECK TWP., Bergen Co. On the southwest corner of Teaneck Rd. and Fort Lee Rd.; 62.83 ft. southeast of a cup tack one foot up north side of pole 61616 TN; 74.73 ft. southwest from northeast corner of catch basin at curb on north side of Fort Lee Rd.; 77.07 ft. southwest of cup tack one foot up on north side of Pole 60044 TN; 49.91 ft. northwest of cup tack on north side of Pole PS 154 TN. A standard N.J.G.C.S. disk, set in concrete, in the sidewalk.
Elevation: 56.538 ft.
- MON. 9803 - TEANECK TWP., Bergen Co. On the west side of Teaneck Rd. about 150 ft. south of centerline of Oak St.; 47.21 ft. east of southeast corner and 42.66 ft. southeast of northeast corner of house on northwest side of Teaneck Rd.; 37.33 ft. west of cup tack one foot up north side of Pole PS 62800; 47.95 ft. northwest of top nut on fire hydrant. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 61.679 ft.
- MON. 9804 - VILLAGE OF RIDGEFIELD PARK, Bergen Co. On the east side of Teaneck Rd. about opposite Arthur St.; 37.37 ft. northeast of cup tack one foot up on east side of Pole PS 195 RFP; 57.30 ft. southeast of top nut of fire hydrant on north side of Arthur St.; 28.50 ft. southeast of cup tack one foot up on Pole 181RFP; 0.80 ft. south of southeast corner of catch basin on west side of Teaneck Rd. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 92.189 ft.
- MON. 9805 - VILLAGE OF RIDGEFIELD PARK, Bergen Co. On northwest side of Teaneck Rd. in south angle of Highland Place; 37.87 ft. south of top nut on fire hydrant; 56.71 ft. southwest of cup tack one foot up Pole BT260 RFP; 28.02 ft. west of cup tack one foot up Pole PS 186 RFP. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 96.692 ft.

NEW JERSEY

Bergen County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

BER-M page 4

- MON. 9806 - VILLAGE OF RIDGEFIELD PARK, Bergen Co. On southeast side of Teaneck Rd. about 90 ft. north of Poplar St.; 27.02 ft. northwest of north front corner of Ambassador Apartment building; 79.51 ft. northeast of cup tack one foot up Pole 1062 RFP; 93.12 ft. northeast of cup tack one foot up Pole 60050 RFP; 34.61 ft. southeast of cup tack one foot up Pole 60279 RFP. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 95,560 ft.
- MON. 9807 - VILLAGE OF RIDGEFIELD PARK, Bergen Co. On east side of Teaneck Rd. about 165 ft. south of Mt. Vernon St.; 49.82 ft. north of cup tack three ft. up on west side of a catalpa tree; 38.46 ft. west from north corner of brick porch pillar at north side of house #333 Teaneck Rd; 98.26 ft. southeast of cup tack one foot up Pole 60269 RFP; 34.31 ft. southeast of cup tack one foot up Pole 60218 RFP. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 60,749 ft.
- MON. 3887 - RIDGEFIELD PARK, Bergen Co. On the southeast corner of Rte. #6 and Laurel St.; 42.60 ft. west of tack up north side of Pole #328-RFP; 42.45 ft. northwest of northwest corner of northwest brick column of TexacoGas Station; 52.86 ft. east of tack 1 ft. up south side of PS Pole, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 46.661 ft.

NEW JERSEY
GEODETTIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-N page 1

STARTING IN THE BOROUGH OF LODI, BERGEN COUNTY, ON STATE HIGHWAY ROUTE NO. 2 ABOUT 0.45 MILE NORTH OF SUMMIT AVENUE, AND RUNNING THENCE NORTH ALONG SUMMIT AVENUE TO MAIN STREET, HACKENSACK, SAME COUNTY, THENCE NORTH ALONG MAIN STREET TO STATE HIGHWAY ROUTE NO. 4, BOROUGH OF RIVERSIDE, SAME COUNTY, THENCE WEST ALONG STATE HIGHWAY ROUTE NO. 4 TO STATE HIGHWAY ROUTE NO. 2, BOROUGH OF PARAMUS, SAME 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 GEODETTIC SURVEY.

- MON. 6806 - BORO. OF LODI, Bergen Co. On the east side of Rte. 2, about 0.45 mile north of Summit Ave.; 32.83 ft. east of the centerline of Rte. 2; 193.40 ft. northeast of a cup tack 1' up the north side of pole PS-1389-L; and 73.58 ft. southeast of a cup tack 1' up the south side of pole PS-1388-L. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 38.891 ft.
- MON. 6880 - HACKENSACK, Bergen County. On the west side of Summit Ave., in the north angle of Sutton Ave.; 21.12 ft. northwest of centerline of Summit Ave.; 55.92 ft. northwest of cup tack one foot up on north side of Pole H61829; 24.56 ft. east of cup tack three feet up on north side of Pole 62082HS. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 110.012 ft.
- MON. 6881 - HACKENSACK, Bergen Co. On the east side of Summit Ave. and north of Essex St.; 17.02 ft. northeast of cup tack one foot up on west side of Pole 61084 HS; 52.79 ft. northeast of rim of manhole cover in center of Summit Ave.; 21.00 ft. southeast of centerline of Summit Ave.; 91.88 ft. southwest of cup tack 1 foot up west side of Pole 61027 HS. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 110.417 ft.
- MON. 6882 - HACKENSACK, Bergen Co. On the southwest corner of Summit Ave. and Beech St.; 8.51 ft. northeast of cup tack two and a half feet up on east side of a 30" pin oak tree; 51.80 feet southwest of cup tack one foot up on east side of Pole 61020 HS; 64.39 ft. southwest of cup tack one foot up on south side of Pole 2902 PS; 44.03 ft. northwest from cup tack one foot up on north side of Pole 902 PS. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 102.399 ft.

GEODETTIC CONTROL SURVEY

BER-N page 2

DESCRIPTION OF BENCH MARKS

- MON. 6883 - HACKENSACK, Bergen County. On northeast corner of Summit Ave. and Susquehanna St.; 40.40 ft. north of rim of manhole cover on Susquehanna St.; 42.83 ft. east from cup tack on south side of Pole 61009 HS; 53.78 ft. southeast from southeast corner of cement railing on west side of Summit Ave. on overpass over Susquehanna RR; 12.38 ft. west from south west corner of cement railing of same overpass on east side of Summit Ave. A standard N.J.G.C.S. disk, set in concrete, in sidewalk.
Elevation: 90.146 ft.
- MON. 6884 - HACKENSACK, Bergen County. On southwest corner of Summit Ave. and Golf Place; 43.86 ft. northwest of northwest corner of catch basin on southeast side of Summit Ave.; 47.60 ft. west of cup tack one foot up on south side of Pole 60531 HS; 44.57 ft. southwest of rim of manhole on Summit Ave.; 24.05 ft. southwest of cup tack one foot up on west side of Pole H 61488. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 84.480 ft.
- MON. 6843 - HACKENSACK, Bergen Co. On the south corner of Passaic St. and Summit Ave.; 9.79 ft. northwest of the north corner of a concrete wall; 45.11 ft. southwest of the west corner of a traffic light control box; 14.79 ft. northeasterly from corner of catch basin, and 48.47 ft. easterly from corner of catch basin. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 74.050 ft.
- MON. 6885 - HACKENSACK, Bergen Co. On the northeast corner of Summit Ave. and Lookout Ave.; 52.03 ft. northeast of cup tack on west side of Pole 60464 HS; 26.82 ft. northwest of top nut of fire hydrant on north side of Lookout Ave.; 65.83 ft. southwest of cup tack one foot up on east side of Pole 60463 HS; 51.96 ft. east of cup tack one foot up on north side of Pole 82176 HS. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 86.481 ft.
- MON. 6886 - HACKENSACK, Bergen Co. On west side of Summit Ave. opp. Ross Ave.; 79.56 ft. north of cup tack two feet up on 38" white wood tree on west side of Summit Ave.; 21.90 ft. southwest of cup tack one foot up on 24" white wood tree on west side of Summit Ave.; 49.03 ft. west of cup tack one foot up on south side of Pole 60436HS; 10.13 ft. northwest of water main cap in Summit Ave. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 83.178 ft.

NEW JERSEY

Bergen County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

BER-N page 3

- MON. 6887 - HACKENSACK, Bergen Co. On private property inside of sidewalk on south corner of Summit Ave. and Spring Valley Ave.; 62.14 ft. southeast of northeast corner of catch basin at west corner; 88.45 ft. south of top nut on fire hydrant on north corner; 51.88 ft. south of water shut off on east corner. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 48.121 ft.
- MON. 6888 - HACKENSACK, Bergen Co. On northwest side of Summit Ave. between sidewalk and edge of pavement in front of Brown Shingle house about 150 ft. southwest of Davis Ave.; 33.63 ft. northeast from southerly brick corner post of brown Shingle house on west side of Summit Ave.; 44.42 ft. south of southerly brick corner post of another brown shingle house on west side of Summit Ave.; 65.47 ft. southwest of cup tack one foot up on south side of Pole H 61635; 77.36 ft. northwest of cup tack one foot up on east side of Pole 1822 HS. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 33.413 ft.
- RV. 8839 - HACKENSACK, Bergen Co. On the south end of the lower step of cement steps in front of #937 Main St. on west side of Main St.; 68.57 ft. south of southeast corner of stone pillar on south side of Coles Ave.; 66.40 ft. southwest of cup tack on east side of Pole 2256 HS; 12.87 ft. southwest of cup tack one foot up Pole 2878 HS. A standard monel rivet, set in cement.
Elevation: 14.087 ft.
- MON. 1410 - RIVERSIDE, Bergen Co. On the north side of Rte. 4, about 1600 ft. west of Main St. in Hackensack; at the P.C. of a curve; about 45 ft. north of the centerline of Rte. 4; 39.35 ft. northeast of the most westerly, and 36.57 ft. northwest of the most easterly of two crosses cut in the concrete pavement; 44.07 ft. north of a brass nail set in lead in a drill hole in the pavement; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1410" and set in concrete.
Elevation: 30.578 ft.
- MON. 6889 - BORO, OF PARAMUS, Bergen Co. On the north side of Rte. 4 off the hard surface shoulder of hwy., opposite Dutchland Farms; 101.29 ft. northwest of cup tack two ft. up on south side of Pole 60658 PRS; 130.98 ft. southeast of cup tack one foot up on north side of Pole 60659 PRS; 117.23 ft. northeast of cup tack one foot up on east side of Pole 1518 PRS; 94.68 ft. northeast of cup tack one foot up on west side of Pole 60688 PRS. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 34.000 ft.

NEW JERSEY

Bergen County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

BER-N page 4

- MON. 6890 - BORO. OF PARAMUS, Bergen Co. On the southwest side of Rte. 4 about 30 ft. southeast of Laywood Ave. overpass; 29.73 ft. from east corner of concrete abutment of Laywood Ave. overpass; 44.50 ft. south from south corner of concrete support of Laywood Ave. overpass in island in center of Rte. 4; 93.90 ft. northwest of Pole 1551 PRS; 66.45 ft. southeast of north corner of concrete abutment of Laywood Ave. overpass. A standard N.J.G.C.S. disk, set in concrete.
Elevation; 65.250 ft.
- MON. 6891 - BORO. OF PARAMUS, Bergen Co. On east corner of Rte. 4 and Spring Valley Rd.; 33.81 ft. south of cup tack on north side of Pole 60811 PRS; 79.79 ft. west of west corner of Sunoco Gas Station on north side of Rte. 4; 88.54 ft. northwest of cup tack one foot up on southwest side of Pole 60812 PRS; 92.37 ft. northeast of cup tack one foot up on west side of Pole 1858 PRS. A standard N.J.G.C.S. disk, set in concrete.
Elevation; 59.598 ft.
- MON. 6892 - BORO. OF PARAMUS, Bergen Co. On northeast side of Rte. 4 about 18 ft. south of retaining wall at Fairview Ave. overpass; 1.06 ft. northeast of face of concrete curb on northeast side of Rte. 4; 30.57 ft. southeast of cup tack one foot up on east side of Pole 60748 PRS; 18.66 ft. south of corner of retaining wall of overpass over Fairview Ave.; 61.87 ft. northwest of cup tack one foot up on north side of Pole 60292 PRS. A standard N.J.G.C.S. disk, set in concrete.
Elevation; 65.193 ft.
- MON. 6816 - BORO. OF PARAMUS, Bergen Co. Near the southwest corner of the overpass at the intersection of Rte. 2 and Rte. 4, about 105 ft. south of the centerline of Rte. 4; 42.98 ft. west of the centerline of Rte. 2; 86.41 ft. west of the southeast corner of the end of the bridge rail on the east side of the overpass over Rte. 4. A standard N.J.G.C.S. disk, set in concrete.
Elevation; 65.078 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-0 page 1

STARTING IN HASBROUCK HEIGHTS, BERGEN COUNTY, AT STATE HIGHWAY ROUTE NO. 6 AND COLLINS AVENUE, AND RUNNING THENCE WEST ALONG COLLINS AVENUE TO GRANDVIEW BOULEVARD, THENCE SOUTH ALONG GRANDVIEW BOULEVARD TO PASSAIC STREET, THENCE EAST ALONG PASSAIC STREET TO VALLEY BOULEVARD, THENCE SOUTH ALONG VALLEY BOULEVARD AND FOURTH STREET TO FRITSCHE AVENUE, BOROUGH OF WOOD RIDGE, SAME COUNTY, THENCE WEST ALONG FRITSCHE AVENUE TO MADISON STREET, CARLSTADT, SAME COUNTY, THENCE SOUTH ALONG MADISON STREET TO HOBOKEN ROAD, EAST RUTHERFORD, SAME COUNTY, THENCE EAST ALONG HOBOKEN ROAD TO STATE HIGHWAY ROUTE NO. 2, EAST RUTHERFORD, SAME COUNTY, THENCE SOUTH ALONG STATE HIGHWAY ROUTE NO. 2 TO MEADOW ROAD AND HIGHLAND CROSS, RUTHERFORD, SAME 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.

- MON. 3895 - HASBROUCK HEIGHTS, BERGEN CO. On an island in the center of Rte. 6 at its intersection with Collins Ave.; 68.78 ft. easterly from a cup tack, about 1 ft. up on the west side of Pole #60735-HEH, situated on the southerly side of Rte. 6; 54.60 ft. easterly from a cross cut on the rim of a manhole located just west of a triangle at entrance to Collins Ave., on the southerly side of Rte. 6; 35.23 ft. southerly from a cross cut on the rim of a manhole located in westerly traveled lane of Rte. 6; 19.12 ft. westerly from a cross cut on Slab #789-B also located in westerly traveled lane of the said Rte. 6, flush with the ground. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 92.763 ft.
- MON. 6871 - BORO. OF HASBROUCK HEIGHTS, BERGEN COUNTY. On the northwest corner of Grandview Boulevard and William St.; 32.02 ft. from northeast corner of catch basin on north side of Williams Ave.; 80.07 ft. west of brass head tack one foot up on south side of Pole BT 354 HEH; 99.55 ft. north of southwest corner of catch basin at curb on south side of Williams Ave. in front of Amoco Gas Station. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 82.828 ft.
- MON. 6872 - BORO. OF HASBROUCK HEIGHTS, BERGEN CO. On the southeast corner of the Boulevard and Ottawa St.; 62.88 ft. southeast of rim of manhole cover on Ottawa St.; 47.60 ft. southwest of top nut on fire hydrant on north side of Ottawa St.; 17.24 ft. southwest of cross cut on south curb of Ottawa St.; 51.85 ft. north of screw one foot up on northwest side of Pole 60018 HEH. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 107.306 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Bergen County
1939

BER-C page 2

- MON. 6873 - BORO OF HASBROUCK HEIGHTS, BERGEN CO. On the northwest corner of the Boulevard and Kipp Ave.; 16.83 ft. north-east of rim of manhole cover on Kipp Ave.; 77.04 ft. northwest of top nut of fire hydrant on north side of Kipp Ave.; 63.83 ft. northwest of cup tack one foot up on east side of Pole 60004 HBB on southeast corner of the Boulevard & Kipp Ave.; 29.85 ft. south of brick corner under bay window on Boulevard side of funeral home on northwest corner of the Boulevard and Kipp Ave. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 123.563 ft.
- MON. 6874 - BORO OF HASBROUCK HEIGHTS, BERGEN CO. On west side of the Boulevard about 150 ft. south of Raymond St.; 48.73 ft. south of lower south corner of stringer of concrete step to brownshingle house on west side of Boulevard; 72.75 ft. southwest of cup tack one foot up on north side of Pole 60042 HBB; 19.00 ft. west of cross cut in curb; 51.74 ft. north of northwest corner of catch basin at curb. A standard N.J.G.C.S. disk, set in concrete between sidewalk and private property.
Elevation: 130.497 ft.
- MON. 6875 - BORO OF HASBROUCK HEIGHTS, BERGEN CO. On south corner of the Boulevard and Cleveland Ave.; 50.20 ft. east of northwest corner of catch basin at curb; 31.45 ft. south of cross cut on rim of manhole cover on Boulevard; 41.21 ft. southwest of top nut on fire hydrant on north side of Cleveland Ave.; 4.18 ft. northeast of northeast corner of catch basin on east side of Boulevard. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 137.751 ft.
- MON. 6876 - BORO OF WOOD RIDGE, BERGEN COUNTY. On the west corner of Valley Boulevard and Sussex Road; 84.36 ft. southwest from southwest corner of catch basin at curb on Valley Boulevard; 48.81 ft. west from cross cut on rim of manhole cover on east side of Valley Boulevard; 61.91 feet north from rim of manhole cover near centerline of Valley Boulevard; 14.34 ft. north of cross cut in curb on west side of Valley Boulevard. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 143.173 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

BBR-0 page 3

- MON. 6677 - BORO. OF WOOD RIDGE, BERGEN CO. On the southwest side of Highland Ave. near Valley Boulevard and near driveway to Amoco Gas Station; 65.89 ft. southeast of cup tack one foot up on south side of Pole 60298; 27.66 ft. south of cross cut in rim of manhole cover on Valley Boulevard; 52.83 ft. northwest of cup tack one foot up on south side of Pole 60160 W.R. on Highland Ave.; 12.06 ft. east of cup tack one foot up on east side of Pole 485 on east side of Valley Boulevard. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 152.903 ft.
- MON. 6878 - BORO. OF WOOD RIDGE, BERGEN CO. On south corner of Fourth St. and Main Ave.; 66.77 ft. east of cup tack one foot up on south side of 16" maple tree on west side of Fourth St.; 35.60 ft. southeast of top nut of fire hydrant on west corner of Fourth St. & Main Ave.; 14.40 ft. south of cross cut on rim of Bell Telephone manhole; 15.14 ft. west of cross cut on southwest curb of Main Ave. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 158.332 ft.
- MON. 6879 - BORO. OF WOOD RIDGE, BERGEN CO. On the northeast corner of Fourth St. and Fritsch Ave.; 17.76 ft. southeast of cross cut on rim of Bell Telephone manhole on Fourth St.; 41.80 ft. south of cross cut in curb on northwest side of Fourth St.; 48.96 ft. southwest of cup tack on west side of Pole 60097 WR on southeast side of Fourth St.; 37.35 ft. northeast of tack in west side of Pole 60146 CST on south side of Fritsch Ave. A standard N.J.G.C.S. disk, set in concrete, inside of curb.
Elevation: 175.859 ft.
- SILVER TANK-CARLSTADT, BERGEN CO. On the south side of Summit Ave. between Madison and Monroe Sts, in the grounds of the Hackensack Water Supply Co; beneath a prominent, large, conical-top, gray steel water tank which surmounts 6 structural-steel leg-columns, and north of the tank leg-footing nearest Madison St. The station is referred to Reference Mark #1 which is cemented in a drill-hole atop the first concrete tank-leg footing south of the station, and Reference Mark #2, which is similarly set in the first footing north; and also Reference Mark #3 cemented in a drill-hole and countersunk in the east curb of Madison St.; said Reference Marks being standard U.S.C.&G.S. bronze Reference Mark disks. A standard U.S.C.&G.S. triangulation station disk (stamped "SILVER TANK-1933") set in the 12" top of a truncated conical concrete monument 4" below the ground.
Elevation: 187.484 ft.

NEW JERSEY

Bergen County
1939

GEODETIC CONTROL SURVEY

BER-0 page 4

DESCRIPTION OF BENCH MARKS

- RV. 6835 - CARLSTADT, BERGEN CO. On top west side of concrete steps near sidewalk at the entrance to house #300 Madison St.; 36.74 ft. northeast of nail on west side of Pole #334; 31.10 ft. west of nail on east side of Pole #60256 CST; 57.82 ft. north of top corner of concrete retaining wall on northeast side of Hoboken Road in south angle of Madison St. A standard monel rivet set in cement.
Elevation: 130.664 ft.
- RV. 6834 - EAST RUTHERFORD, BERGEN CO. On northwest corner of concrete retaining wall, on southeast corner of Hoboken Rd. and High St.; 43.84 ft. east of center of top nut on fire plug; 22.82 ft. south of cross cut in rim of Bell System manhole; 18.61 ft. west of nail 3 ft. up Pole #324. A standard monel rivet, set in cement.
Elevation: 121.932 ft.
- MON. 6864 - CARLSTADT, BERGEN CO. On the southwest corner of Rte. #2 and Paterson Ave.; about 25.8 ft. NW from centerline of Rte. #2, and about 55 ft. northwest from pole 447-ERF; 23.88 ft. northeast of the northeast corner of foundation stone under frame extension of plant of the Uniflex Rubber Co.; 28.87 ft. north of a cross cut in curbing; 34.98 ft. southeast of southeast corner of a catch basin at curb; and 46.19 ft. east from a cup tack, about 1 ft. up, pole 59724-CS. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 9.591 ft.
- MON. 6865 - EAST RUTHERFORD, BERGEN CO. On the east side of Rte. #2, opposite Stanley St.; 45.91 ft. north from a cup tack, about 1 ft. up pole 728-ERF; 64.13 ft. southwest of a cup tack, about 1 ft. up pole 727-ERF, and about 75 ft. southeast of a fire hydrant; 28.22 ft. southwest of the southwest corner of end post of a guard rail fence; 30.91 ft. northwest of the most northerly corner of a cast iron cover; 41.19 ft. southeast of a cross cut in curbing; about 29.8 ft. SE from centerline of road. A standard N.J.G.C.S. disk, set in concrete, about 2 in. below surface.
Elevation: 4.176 ft.
- MON. 6866 - EAST RUTHERFORD, BERGEN CO. On the SE side of Rte. #2, about 18.10 ft. SE from centerline of rd.; 41.75 ft. southwest from a cup tack, about 1 ft. up pole 736-ERF; 9.35 ft. southwest from a cup tack, about 1 ft. up, pole 739-ERF; 4.02 ft. southwest from the southwest corner of end post of a guard rail fence; 49.29 ft. east from a cross cut in curbing and 44.11 ft. south from a cross cut in roadway. A standard N.J.G.C.S. disk, set in concrete, about 1/2 in. below surface.
Elevation: 7.624 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1939

SER-0 page 5

- MON. 6867 - EAST RUTHERFORD, BERGEN CO. On the SE side of Rte. #2, about 70 ft. northeast of a pillar of viaduct carrying the main line of the Erie R.R. over Rte. #2; about 19.2 ft. SE from centerline of road, and about 160 ft. southwest of end post of a guard rail fence; 16.31 ft. south from a cross cut in curbing; 39.93 ft. east of a cross cut in curbing; and 28.87 ft. south from cross lines in figure "4" of slab number 747. A standard N.J.G.C.S. disk, set in concrete, about 4 in. below surface.
Elevation: 5.208 ft.
- MON. 811 - RUTHERFORD, BERGEN CO. On the southeast side of Rte. #2 at its intersection with Meadow Road and Highland Cross; 109.54 ft. southeast of the southeast corner of an American Gasoline Service Station; 232.44 ft. north of the northwest corner of the Normandy Laundry Co.'s building; 97.34 ft. east of Pole No. PS 1729 RF and 303 F; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "811" and set in concrete.
Elevation: 13.925 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Essex County
1938

DESCRIPTION OF BENCH MARKS

ESS-X Page 1

STARTING IN BELLEVILLE, ESSEX CO., AT MAIN ST. (S.H. ROUTE 21) AND MILL ST., AND RUNNING THENCE NORTH ALONG MAIN ST. TO THE BELLEVILLE TURNPIKE, SAME LOCALITY, THENCE EAST ALONG SAID BELLEVILLE TURNPIKE AND ACROSS THE PASSAIC RIVER TO PASSAIC AVE., NORTH ARLINGTON, BERGEN COUNTY., THENCE SOUTH ALONG PASSAIC AVE. TO A POINT ABOUT 120 FT. SOUTH OF WEST BENNETT AVE., KEARNY, HUDSON 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.

MON.1253- BELLEVILLE, ESSEX COUNTY. On the west side of Main St., (State Highway Route 21), on the southwest corner of its intersection with Mill St., 16.35 ft. south of the end of the south curb of Mill St.; 6.28 ft. northwest of the northwest corner of a catch basin located in the west curb of Main St.; 11.34 ft. southeast of the corner of the fence located on said corner, and flush with grade. A standard U.S.C. & G.S. & S.S. bronze disk set in concrete. Elevation: 10.186 ft.

MON.6868- BELLEVILLE, ESSEX COUNTY. On easterly side of Main Street, 34.10 ft. from easterly edge of pavement approximately 170 feet southwesterly from center line of William Street, and approximately 85 feet easterly from pole 60232-B located at curb on westerly side of Main Street; opposite slab 138; 22.76 feet southerly from a cross cut in curbing on the easterly side of Main Street; 19.76 feet easterly from the center of a cross cast in top of a concrete post, and 99.71 feet northeast from the center of a metal disk, inscribed "NJ", on top of a concrete post, said concrete posts being east of east curb of Main Street. A standard N.J.G.C.S. disk, set in concrete, 9" below grade of walk. Elevation: 7.983 ft.

MON.6869- BELLEVILLE, ESSEX COUNTY. On the northerly side of Belleville Pike, north of the southwest corner of Belleville Pike and Main Street, and northwest of Rutgers Street Bridge; 73.74 feet northeast of northeast corner of Belleville Reformed Church; 45.83 feet southerly from the most southerly corner of Brisk's Gas Station; 73.50 feet northwest of a cross cut on the rim of a man-hole in Belleville Pike at its intersection with Main Street, and approximately 50 feet northwest of pole BT-812-BV located on the northwest corner of Belleville Pike and Main Street. A standard N.J. G.C.S. disk, set in concrete. Elevation: 14.832 ft.

NEW JERSEY

Bergen County
Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

ESS-X page 2

MON. 6870 - NORTH ARLINGTON, BERGEN COUNTY, N. J. On the northwest corner of Passaic Avenue and Belleville Turnpike; 50.72 ft. southeast of the easterly side of pole 60769-NA, and southeast of Rutgers Street bridge, in a cast iron box, about 6 in. below curb; 53.82 ft. northerly from the north corner of a catch basin at curb; 67.71 ft. south from the south corner of first brick step of south entrance to "Tri-County Grill" diner, and 16.50 ft. southwest of the southwest corner of concrete base of a sewer gate stanchion. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 11.863 ft.

MON. 1278 - KEARNY, HUDSON CO. On the west side of Passaic Ave., south of the Belleville Turnpike, south of West Bennet Ave.; 102.75 ft. south of Pole #K-61440; 99.00 ft. west of the northwest corner of the garage building occupied by "Wolf's Cadillac Cars"; 45.40 west and right angles to east curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete, in a cast iron box, 1.5 in. above pavement grade.

Elevation: 11.766 ft.

LOCAL CONTROL SURVEY

Essex County

STATE OF NEW JERSEY

1934-1935

DESCRIPTION OF BENCH MARKS

HUD A page 1

STARTING AT NEWARK, ESSEX CO. AND RUNNING EAST ALONG RAYMOND BLVD. AND LINCOLN HIGHWAY TO ROUTE #1, JERSEY CITY, THENCE ALONG ROUTE #1 (NORTH) TO TONNELLE CIRCLE, JERSEY CITY, HUDSON 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.

- U 11 - NEWARK, ESSEX CO. In Military Park, between Broad St., Park Place and Center St., about 100 ft. north of the centerline of Cedar St., 30 ft. east of the east curb of Broad St., 42 ft. north of a brass cannon, and in the top of the retaining wall of the subway entrance to the men's room, 2½ ft. higher than the east curb of Broad St. A standard disk stamped "U 11 1933". (A first order B.M.)
Elevation: 12.487 meters or 40.968 ft.
- 38.47(N.J.G.S.)-(City of Newark). NEWARK, ESSEX CO. At the northwest corner of the intersection of Academy and Broad Sts. at the Academy St. entrance to the post office, on the west end of the middle step of the three, 8 inches from the edge, 6 inches from the west wall, and 4 inches from the back wall. A chiseled cross. (A first order B.M.)
DESTROYED Elevation: 11.822 meters or 38.786 ft.
- RV. 1100 -NEWARK, ESSEX CO. On the northwest corner of Academy and Broad Sts., at the Academy St. entrance to the U.S. Post Office, on the west end of the lowest of the three steps, 0.88 ft. north of the edge of the step, 0.44 ft. east of the west stone jamb, and about 0.67 ft. higher than the sidewalk. A standard monel rivet.
Elevation: 38.181 ft.
- PT. 1119 -(City of Newark)-NEWARK, ESSEX CO. On the northwest corner of Raymond Blvd. and Mulberry St., 16.20 ft. north of a cross cut on the north curb of Raymond Blvd., 16.87 ft. west of a steel pole, and level with the curb. A copper pin set in a granite post inside a cast iron box on whose rim is stamped the number "1119".
Elevation: 38.057 ft.
- Pt. 1118 -(City of Newark)-NEWARK, ESSEX CO. On the northwest corner of Raymond Blvd. and McCarter Hwy., 5.52 ft. north of a P.S.E. Co. manhole, 13.36 ft. south of pole #P.S. 18272N, and level with the curb. A granite post set inside a cast iron box on whose rim is stamped the number "1118".
Elevation: 32.801 ft.

NEW JERSEY

Essex County
1934-1935

GEODETIC CONTROL SURVEY

HUD-A Page 2

DESCRIPTION OF BENCH MARKS

RV 1101 - NEWARK, ESSEX CO. At the east end of River St. on the north side of Pennsylvania RR Plaza, on a set back at the east end of the retaining wall supporting the Newark freight yard of the Penn. RR.; 1.42 ft. west of the east end of the wall; 0.29 ft. north of the south face of the base of the wall; and 3.5 ft. higher than the ground. A standard monel rivet.

Elevation: 19.207 ft.

RV 1102 - NEWARK, ESSEX COUNTY. About 50 ft. north of the north curb of Raymond Blvd., at the Jackson St. approach to the bridge over the Passaic River, on the southeast corner of the concrete base of the second concrete pier north of the boulevard; 0.25 ft. north of the south face, and 0.31 ft. west of the east face, of the base. A standard monel rivet.

Elevation: 10.126 ft.

MON. 1107-NEWARK, ESSEX CO. On the north side of Raymond Blvd. about 1200 ft. east of Jackson St., about 150 ft. south of the south bank of the Passaic River, 31.67 ft. west of the east one and 28.00 ft. east of the west one of two crosses cut in the curb, and level with the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1107" and set in concrete.

Elevation: 20.009 ft.

RV 1103- NEWARK, ESSEX CO. At the "Chellis-Austin" Apartment house at No. 624 Raymond Blvd.; on the west end of the lower one of the two entrance steps, 0.25 ft. from the edge; 0.25 ft. east of the west jamb of the entrance, and 0.33 ft. higher than the sidewalk. A standard monel rivet.

Elevation: 18.881 ft.

RV 1104 - NEWARK, ESSEX CO. On the south side of Raymond Blvd. about 100 ft. west of Lockwood St. at the most westerly entrance to a substation of the Public Service Electric and Gas Co.; on the east end of the step, 0.29 ft. south of the edge; 0.21 ft. west of the east door jamb, and 0.67 ft. higher than the sidewalk. A standard monel rivet.

Elevation: 12.207 ft.

DESCRIPTION OF BENCH-MARKS

- MON. 1117 - NEWARK, ESSEX CO. About 6.6 ft. north of the north curb of Raymond Blvd., about 0.1 mile west of Doremus Ave.; 30.24 ft. southeast of the southeast corner of a foot bridge over a creek; 28.35 ft. northeast of fire hydrant #13, and level with the curb. A standard U.S.C. & G.S. & S.S. disk, stamped "1117" set in concrete. Elevation: 9.641 ft. DESTROYED
- RV 1105 - NEWARK, ESSEX CO. About 10 ft. north of the north curb of Raymond Blvd., on top of the east corner of the concrete footing block of the most easterly pier supporting the Pulaski Skyway at the bent immediately north of Raymond Blvd. (Lincoln Hwy.); about 208 ft. east of the east face of the footing of the abutment of the Pennsylvania RR bridge over Raymond Blvd.; 0.35 ft. west of the east face and 0.43 ft. north of the south face of the footing block, and 5.0 ft. higher than the foundation platform. A standard monel rivet. Elevation: 11.654 ft.
- X 16 - NEWARK, ESSEX CO. At the intersection of Raymond Blvd. and the Pulaski Skyway, on the northeast edge of the most westerly concrete pier of the Pulaski Skyway overpass; 4.20 ft. higher than the ground and set vertically. A standard U.S.C. & G.S. disk, stamped "X 16 1934". (A first order B.M.). Elevation: 10.755 ft.
- MON. 1116 - NEWARK, ESSEX CO. On the north side of Raymond Blvd. (Lincoln Highway) about on line with the west property line (produced) of Doremus Ave.; 2.67 ft. south of a cross which is near the number "1116"; both of which symbols are cut in a concrete wall; 6.23 ft. north of a cross cut in the curb, and level with the curb. A standard U.S.C. & G.S. & S.S. disk stamped "1116" set in concrete. Elevation: 11.712 ft. DESTROYED
- RV 1106 - KEARNY, HUDSON CO. On top of the south end of the east abutment of the Lincoln Highway bridge over the Passaic River; 4.75 ft. north of the extreme south face of the abutment; 2.67 ft. west of the east face of the top coping; about 0.50 ft. north of the guard rail and level with the sidewalk. A standard monel rivet. Elevation: 17.284 ft. DISTURBED

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1934-1935

HUD-A page 4

DESCRIPTION OF BENCH MARKS

- TIDAL BM 3-KEARNY, HUDSON CO. On the east abutment of the Lincoln Highway bridge over the Passaic River, on the south side of the bridge, on the ledge about 10.0 ft. below the floor of the ledge, 0.50 ft. from the southwest corner of the ledge cut into the stone masonry. A chiseled square. (M.L.W. 9.95 ft.)
Elevation: 7.816 ft.
- MON. 1115 -KEARNY, HUDSON CO. On the south side of Raymond Blvd. about 300 ft. west of Central Ave.; 5.40 ft. south of a cross cut in the curb, 3.37 ft. north of a cross cut in the footing of a concrete wall, and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
REMOVED.
Elevation: 10.886 ft.
- RV 1107 -KEARNY, HUDSON CO. On Communipaw Ave. about 1000 ft. west of the Hackensack River, on the middle one of three steps at the Communipaw Ave. entrance to the W O R Broadcasting Station; 0.70 ft. south of the south wall of the building, 0.70 ft. east of the west edge of the step. A standard monel rivet.
Elevation: 11.534 ft. DESTROYED.
- MON. 1114 -KEARNY, HUDSON CO. On the south side of Raymond Blvd. (Lincoln Hwy.) about 18 ft. east of the west wall (produced) of the brick office building of the Federal Shipyard Co.; 4.82 ft. south of a cross cut in the curb, 4.86 ft. north of a cross cut in the footing of a concrete wall; and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 9.695 ft.
- MON. 1113 -KEARNY, HUDSON CO. On the south side of Raymond Blvd. (Lincoln Hwy.) 177.40 ft. west of the west abutment of the bridge over the Hackensack River, 6.54 ft. south of a cross cut in the curb, 4.45 ft. north of a cross cut in the footing of a concrete wall, and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 11.282 ft.
- MON. 1106 -JERSEY CITY, HUDSON CO. On the north side of Communipaw Ave. about 225 ft. east of the Lincoln Hwy. (Communipaw Ave.) bridge over the Hackensack River, 68.29 ft. north of a cross cut on the curb, and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 10.686 ft.

NEW JERSEY

Hudson County
1934-1935

GEODETIC CONTROL SURVEY

HUD-A page 5

DESCRIPTION OF BENCH MARKS

- RV 1108 - JERSEY CITY, HUDSON CO. At the east end of the Lincoln Highway (Communipaw Ave.) bridge over the Hackensack River, on top of the east end of the north wing wall of the east abutment; 3.5 inches south of the guard rail; 1.42 ft. west of the east face, and 1.83 ft. south of the north edge of the wall. A standard monel rivet.
Elevation: 12.962 ft. DESTROYED
- MON. 1105 - JERSEY CITY, HUDSON CO. On the north side of Communipaw Ave. about 200 ft. west of the west curb of Route #1; 54.52 ft. north of a fire hydrant; 35.96 ft. northeast of a cross cut-in the curb; and level with the curb. A standard U.S.C.&G.S.&S.S. disk set in concrete.
Elevation: 7.924 ft.
- RV 1109 - JERSEY CITY, HUDSON CO. On the northeast corner of Harvey Ave. and Communipaw Ave., 3.8 ft. northeast of the curved curb, 0.33 ft. southwest of a traffic sign post, set in the sidewalk. A standard monel rivet.
Elevation: 9.011 ft.
- MON. 1912 - JERSEY CITY, HUDSON CO. On the north side of Communipaw Ave., about 232 ft. east of the east curb of the entrance to West Side Park; 43.03 ft. northwest of pole #BT-2979; 4.78 ft. north of the north edge of a catch basin, and level with the curb. A standard U.S.C.&G.S. & S.S. disk, set in concrete.
Elevation: 10.068 ft.
- D-7 Hudson Co. Engineer - JERSEY CITY, HUDSON CO. On the south end of a concrete door sill at the first private entrance south of Communipaw Ave. (#583 West Side Ave.) to a brick building on the west side of West Side Ave. The building on the southwest corner of West Side Ave. and Communipaw Ave.; 0.25 ft. north of the south end of the sill; 0.11 ft. west of the east face of the sill. A cross cut. Elevation: 36.859 ft.
- RV 1110 - JERSEY CITY, HUDSON CO. On Marcy Ave., at the third concrete foot bridge north of Communipaw Ave. over Harvey Ave. on the south concrete railing at the second easterly landing; 1.9 ft. west of the east end of landing; 0.75 ft. south of the north face of the south rail base, 1.0 ft. higher than the landing, and about 5.0 ft. above the grade at the east end of the bridge. A standard monel rivet.
Elevation: 13.139 ft.

NEW JERSEY

Hudson County
1934 - 1935

GEODETIC CONTROL SURVEY

HUD A Page 6

DESCRIPTION OF BENCH MARKS

- MON. 1104 -JERSEY CITY, HUDSON CO. On the east side of Route #1 about 2750 ft. south of Broadway, about 580 ft. north of Duncan Ave.; 19.49 ft. south of the northerly one, and 25.38 ft. southeast of the southerly one, of two spikes set in the asphalt pavement; and level with the gutter. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation: 10.333 ft.
- RV 1111 -JERSEY CITY, HUDSON CO. About 35 ft. east of the center line of Harvey Ave. about half a mile north of the third foot bridge over Harvey Ave. north of Communipaw Ave.; on the north end of a headwall; 1.49 ft. south of the north end of the wall and about 1.5 ft. higher than grade. A standard monel rivet. Elevation: 9.690 ft.
- MON. 1103 -JERSEY CITY, HUDSON CO. On the east side of Route #1 about 1600 ft. south of Broadway, just south of a culvert; 74.86 ft. southwest of a cross on top of the east headwall; and 74.35 ft. southeast of a cross on top of the west headwall of the culvert; and level with the gutter. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation: 8.141 ft.
- RV 1112 -JERSEY CITY, HUDSON CO. On the north side of Broadway and the west side of Wallis Ave., on the base of the commemorative monument to George E. Blakeslee, on top of the first step on the southeast side; 4.5 inches from the south face, 2.88 ft. from the west face, and 1.25 ft. higher than grade. A standard monel rivet. Elevation: 17.013 ft.
- RV 1113 -JERSEY CITY, HUDSON CO. About 125 ft. north of Broadway, on the south end of the concrete parapet on the west side of the Tonnelle Ave. bridge over the Penna. R.R. tracks; 4.0 ft. north of the south end of the wall; and 3.5 ft. higher than the sidewalk. A standard monel rivet. DESTROYED. Elevation: 88.214 ft.
- 101.22 (N.J.G.S.) -JERSEY CITY, HUDSON CO. On the southwest corner of Newark and Baldwin Aves. at the Hudson Co. Courthouse at the most easterly of the three Newark Ave. entrances, in the south end of the doorsill; 1.19 inches from the jamb, 10 inches from the south side of the entrance, and 1.26 ft. from the outer edge of the sill. A cross cut. Elevation: 101.486 ft.

NEW JERSEY

Essex County
Hudson County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-A page 7

ADDITIONAL BENCH MARKS

95 (CITY OF
NEWARK)

-NEWARK, ESSEX COUNTY, N.J. At the southwest corner of the intersection of Mulberry and Commerce Streets, and on the corner of the stone water table of a brick building, 2 inches higher than the sidewalk. A notch, cut in the stone.

Elevation: 32.562 ft.

W 16 -

KEARNY, HUDSON COUNTY, N.J. Set in second sand stone Pilaster east of the east side of Doorway known as the 2nd. Precinct Kearny Police & Fire Station on the north side of Geminipaw Avenue about 300 ft. east of Central Avenue; 1.35 ft. west of east corner of Pilaster; 1.33 ft. east of west corner of Pilaster; 5.07 ft. above concrete sidewalk. A standard U.S.C.&G.S. Bronze disk, marked W-16 1934. (A first order B.M. set vertically)

Elevation: 18.190 ft.

B.M. COCA

COLA-SOUTH KEARNY, HUDSON CO. N.J. Near the easterly side of an I beam driven to bed rock at the northwest corner of Lincoln Highway and Hackensack Ave., and on the property of the Coca Cola Co.; 173.30 ft. west of the west curb of Hackensack Ave.; 35.15 ft. north of the north curb of Lincoln Highway; 49.59 ft. east of the face of the first brick Pilaster on south side of building; and 26.02 ft. south of the face of first brick pilaster on the east side of building, and 1.0 ft. below present ground level. A first order B.M. A copper screw.

Elevation: 10.428 ft.

V-16 -

JERSEY CITY, HUDSON COUNTY, N.J. In south side of concrete column of the Pulaski Skyway on the north side of Broadway at the intersection of Broadway, Route #1 and Ramp from the Pulaski Skyway to Broadway and Route #1, the column is the southeast one of 4 supporting the span of Pulaski Skyway over Broadway, and is 22 ft. north of north curb of Broadway; 2.66 ft. west of southeast corner of column; 3.28 ft. west of southwest corner of column; 4.90 ft. above present ground level. A standard U.S.C.&G.S. Bronze disk marked V-16 1934. (A first order B.M. set vertically)

Elevation: 14.275 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

HUD-A page 8

DESCRIPTION OF BENCH MARKS

U-16-Reset - JERSEY CITY, HUDSON CO. In the face of the concrete abutment wall of the Pulaski Skyway ramp leading from the Skyway to Tonelle Circle, on the east side of Seaman Ave., between St. Paul's Ave. and Rte.#1, set vertically, 109.0 ft. north of north curb of St. Paul's Ave.; 95.20 ft. south of south curb of S.H. Rte. #1; 9.19 ft. south of expansion joint between abutment and north wing wall; and 4.30 ft. above the present ground level. A standard disk, stamped "U-16 Reset, 1938".

Elevation: 51.346 ft.

T-16 - JERSEY CITY, HUDSON CO. On the east side of Tonelle Traffic Circle, at the entrance to the lower level of Rte. #25 leading to the Holland Tunnel, about 18.2 ft. north of said entrance, in the north wingwall of the abutment of the overpass carrying the upper level of Rte.#25; 4.8 ft. above ground and set vertically. A standard disk, stamped "T-16, 1934" (A 1st order B.M.).

Elevation: 68.992 ft.

LOCAL CONTROL SURVEY

Bergen County
1934 - 1936

STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKS

HUD-B page 1

STARTING AT NORTH ARLINGTON, BERGEN COUNTY, ON BELLEVILLE TURNPIKE ABOUT 170 FT. WEST OF RIDGE ROAD, AND RUNNING THENCE SOUTHEAST ALONG BELLEVILLE TURNPIKE TO THE HARRISON TURNPIKE, KEARNY, HUDSON COUNTY, THENCE EAST ALONG THE HARRISON TURNPIKE (JERSEY CITY-NEWARK TURNPIKE) TO WALLIS AVENUE, JERSEY CITY, HUDSON COUNTY, THENCE SOUTH ALONG WALLIS AVENUE TO BROADWAY, THENCE NORTH ALONG WALLIS AVENUE TO ROUTE NO. 1 (STATE HIGHWAY), THENCE EAST ALONG STATE HIGHWAY ROUTE NO. 1 TO "TONNELLE CIRCLE", STILL IN JERSEY CITY, HUDSON 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.

MON. 1221 - NORTH ARLINGTON, BERGEN CO. On the north side of the Belleville Tpke. about 170 ft. west of the centerline of Ridge Rd.; 46.53 ft. northeast of the northwest corner and 50.84 ft. north of the northeast corner of the brick building #210 Belleville Ave. (Turnpike); and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 150.759 ft.

M - 15 - (Hudson Co. Eng.) NORTH ARLINGTON, BERGEN CO. On the northwest corner of Belleville Tpke. and Ridge Rd. at the side door to the building occupied by the State Pure Food Shop; in the southwest corner of the concrete step. A square cut.
Elevation: 147.265 ft.

MON. 1227 - NORTH ARLINGTON, BERGEN CO. 2.46 ft. north of the north curb of the Belleville Tpke., about 42 ft. west of the centerline of Beech St.; 25.11 ft. south of the southeast corner of the frame building #330-332 Belleville Tpke.; and level with the curb. A standard U.S.C.&G.S. &S.S. disk, set in concrete.
Elevation: 102.477 ft. DESTROYED

M - 17 - (Hudson Co. Eng.) NORTH ARLINGTON, BERGEN CO. On the northwest corner of the Belleville Tpke. and Schuyler Ave.; 9.36 ft. northwest of Mon. 1222; and about 0.5 ft. higher than grade. The center of a stone county monument.
Elevation: 100.949 ft.

MON. 1228 - NORTH ARLINGTON, BERGEN CO. On the northwest corner of the Belleville Tpke. and Schuyler Ave.; 9.36 ft. southeast of a stone county monument; 2.80 ft. south of pole #PS-60725-MA; and level with curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 99.893 ft.

DESCRIPTION OF BENCH MARKS

HUD-B Page 2

M-26 (Hudson County Engineer) KEARNY, HUDSON COUNTY. On the south side of the Belleville Turnpike, half way up the hill leading into Arlington, just east of the house where the Kearny water meters are kept; in the top of a concrete vault, 1 ft. south of the north edge and 5 inches west of the east edge; and level with grade. A square cut.

Elevation: 38.979 Ft.

MON.1223- KEARNY, HUDSON COUNTY. About 22 ft. south of the south side of the Belleville Turnpike, about 42 ft. east of the entrance to the Dupont Viscoloid Co. plant; 40.61 ft. north-west of the northwest corner of the south abutment and 19.70 ft. northwest of the northwest corner of the southwest wing wall, of the D.L. & W. RR bridge, and 0.5 ft. higher than grade. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 3,702 ft.

MON.1229- KEARNY, HUDSON COUNTY. About 31.75 ft. south of the center line of the Belleville Turnpike, east of the Greenwood Lake Division of the Erie RR; 55 ft. east of an octagonal watchman's shed; and set in the center of the top of the base of concrete culvert #566. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 7,834 ft.

MON.1261- KEARNY, HUDSON COUNTY. About 33 ft. south of the center line of the Belleville Turnpike, east of the Newark Branch of the Erie RR; 36.48 ft. south of the northeast corner of a watchman's shed; set in the center of the top of the base of concrete culvert #553. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 5,840 ft.

MON.1224- KEARNY, HUDSON COUNTY. About 33 ft. southwest of the center line of the Belleville Turnpike, about 55 ft. southeast of the center line of the Newark Branch of the Erie RR; 34.00 ft. southeast of the east face of a culvert; and 3 inches higher than grade. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

DESTROYED

Elevation: 4,102 ft.

MON.1283- KEARNY, HUDSON COUNTY. About 34 ft. south of the center line of the Belleville Turnpike, in the top concrete step of the southwest abutment of the Penna. R.R. bridge over the Turnpike, 30.80 ft. southeast of the west side and 1.90 ft. southwest of the north face of the step. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 23.873 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1934-1936

DESCRIPTION OF BENCH MARKS

HUD-B Page 3

- EMARK KEARNY, HUDSON COUNTY. On the north side of the Belleville Turnpike about 900 ft. west of the Newark Turnpike (Harrison) Turnpike), in the top of the northwest corner of a retaining wall. A chiseled square.
DESTROYED Elevation: 7.741 ft.
- MON.1284- KEARNY, HUDSON COUNTY. 2.29 ft. northeast of the coping along the north edge of the roadway at the intersection of the Belleville and Harrison Turnpikes; 3.70 ft. south of the south corner of a concrete wall; 2.68 ft. west of the base of a traffic light standard; and level with grade. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 26.892 ft.
- M-35 (Hudson County Engineer) KEARNY, HUDSON COUNTY. On the north side of the Belleville Turnpike about 50. ft. east of the end of a retaining wall; 40. ft. north of the viaduct carrying the Belleville Turnpike and the Newark Turnpike over the D. L. & W. RR in the center of the top of a concrete vault on the Kearny water main. A square cut.
Elevation: 6.240 ft.
- MON.1225- KEARNY, HUDSON COUNTY. 4.21 ft. north of the north curb of the Harrison Turnpike, about 1000 ft. east of the Belleville Turnpike; 12.52 ft. east of pole #PB-155; 36.69 ft. southeast of the center of a N.J. Bell Telephone Co. man-hole; and 3 inches higher than the curb. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 7.547 ft.
- MON.1226- KEARNY, HUDSON COUNTY. 1.57 ft. north of the north curb of the Harrison Turnpike, about 250. ft. west of the approach to the Wittpenn Bridge over the Hackensack River; 56.26 ft. east of pole #PB-70; and level with grade. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 6.526 ft.
- RV.1112- JERSEY CITY, HUDSON COUNTY. On the north side of Broadway and the west side of Wallis Ave. on the base of the commemorative monument to George E. Blakeslee, on the top of the first step on the southeast side; 4.5 inches from the south face; 2.68 ft. from the west face, and 1.25 ft. higher than grade. A standard monel rivet.
Elevation: 17.013 ft.

NEW JERSEY

Bergen County
Hudson County
1938

GEODETIC CONTROL SURVEY

HUD-B, page 4

DESCRIPTION OF BENCH MARKS

U-16 Reset - JERSEY CITY, HUDSON CO. In the face of the concrete abutment wall of the Pulaski Skyway ramp leading from the Skyway to Tonnelle Circle, on the east side of Seaman Ave., between St. Paul's Ave. and Rte. #1, set vertically, 109.0 ft. north of north curb of St. Paul's Ave.; 95.20 ft. south of south curb of S.H. Rte. #1; 9.19 ft. south of expansion joint between abutment and north wing wall; and 4.30 ft. above the present ground level. A standard disk, stamped "U-16 Reset, 1938". (A 1st order B.M.).

Elevation: 51.346 ft.

T-16 - JERSEY CITY, HUDSON CO. On the east side of Tonnelle Traffic Circle, at the entrance to the lower level of Rte. #25 leading to the Holland Tunnel, about 18.2 ft. north of said entrance, in the north wingwall of the abutment of the overpass carrying the upper level of Rte. #25; 4.8 ft. above ground and set vertically. A standard disk, stamped "T-16, 1934" (A 1st order B.M.)

Elevation: 68.992 ft.

REPLACEMENT OF MON. 1227:

MON. 6802- BORO. OF N. ARLINGTON, BERGEN CO. On the northwest corner of Belleville Tpke; and Beech St.; 27.17 ft. south of the southeast corner of a frame building #330-332; 17.92 ft. southwest of the center of top nut on a fire hydrant; and 2.80 ft. northeast of the northeast corner of a catch basin. A standard N.J.G.C. S. disk, set in concrete.

Elevation: 102.214 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson Co.
1939

HUD-C, page 1

STARTING AT NORTH BERGEN, HUDSON CO., RUNNING THENCE NORTHWESTERLY ALONG PATERSON PLANK ROAD THROUGH NORTH BERGEN AND SECAUCUS, HUDSON CO., E. RUTHERFORD AND CARLSTADT, BERGEN CO. TO THE INTERSECTION OF THE PATERSON PLANK ROAD AND ROUTE #2, CARLSTADT, BERGEN CO.

STANDARD ELEVATIONS 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 1217- NORTH BERGEN, HUDSON CO. On the west side of State Highway Route #1 (Tonnelle Ave.) at the bridge over the Pennsylvania Railroad; in the top of the west end of the south abutment, near a square cut. A standard monel rivet.
Elevation: 43.771 ft. DESTROYED
- MON 1205-NORTH BERGEN, HUDSON CO. On the east side of the traffic circle at which Tonnelle Ave. (Route #1) Garden Ave., and Route 3 intersect; 47.3 ft. east of the southeast pole #PS-2661 NB; and level with grade. A standard U.S.C.&G.S. &S.S. bronze disk, stamped "1205", set in concrete.
Elevation: 28.496 ft.
- RV 1216 -NORTH BERGEN, HUDSON CO. On the east side of State Highway Route #1 (Garden St.) at its intersection with the Paterson Plank Road; in the north (private) entrance to the three story brick and frame building #708 Garden St.; near the north end of the concrete door sill. A standard monel rivet.
DESTROYED.
Elevation: 25.749 ft.
- MON 1255-SECAUCUS, HUDSON CO. On the south side of Route #3 about $\frac{1}{4}$ mile east of its intersection with the Paterson Plank Road; 37.91 ft. southeast of the west one, 12.83 ft. southwest of the middle one, 25.83 ft. west of the east one of the three crosses cut in the pavement. A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped "1255".
Elevation: 12.568 ft.
- RV 1236- SECAUCUS, HUDSON CO. On the north side of Route #3, in concrete culvert over Penhorn Creek, in most westerly point of base. A monel metal rivet.
Elevation: 9.506 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKS

Bergen Co.
Hudson Co.
1936

HUD-C page 2

- MON 1256 - SECAUCUS, HUDSON CO. On the northwest corner of Paterson Plank Road and Route #3. 34.30 ft. east of a cross in a catch basin; 9.12 ft. south of a cross in the curb. A standard U.S.C.&G.S.&S. disk, set in concrete, marked "1256".
Elevation: 8.367 ft.
- RV 1235 - SECAUCUS, HUDSON CO. On the south side of the Paterson Plank Road on the northwest corner of the intersection with John St., at the Secaucus Town Hall, 27.00 ft. south of the northwest corner of said Town Hall, in the west entrance, in the southwest corner of bluestone doorsill. A monel metal rivet.
Elevation: 46.030 ft.
- MON. 1275 - SECAUCUS, HUDSON CO. On the southwest corner of Route #3 and the Paterson Plank Road, 8.77 ft. west of a crowfoot in a steel pole; 19.59 ft. northwest of a crowfoot in a hexagonal sign post. A standard U.S.C. &G.S.&S. disk, set in concrete, stamped "1275".
Elevation: 10.292 ft.
- MON 1274 - SECAUCUS, HUDSON CO. On the north side of Route #3 in front of the car barns of the Jersey City, Hoboken and Rutherford Electric Co. 15.49 ft. south of the southeast corner of the building; 19.20 ft. northwest of a task in pole #PS-1303-30. A standard U.S.C. &G.S.&S. disk, set in concrete stamped "1274".
Elevation: 39.259 ft.
- RV 1234 - SECAUCUS, HUDSON CO. On the east side of and at #1374 Paterson Plank Road, in entrance to store, in southeast corner of bluestone doorsill. A monel metal rivet.
Elevation: 17.949 ft. DESTROYED
- RV 1233 - SECAUCUS, HUDSON CO. On the west side of the Paterson Plank Road, at Secaucus Hose Co. #1; 75.0 ft. east of Franklin St. in a most easterly entrance in the south end of a bluestone doorsill. A standard monel metal rivet.
Elevation: 30.102 ft.
- RV 1232 - EAST RUTHERFORD, BERGEN CO. On the Paterson Turnpike, on the south side of bridge over Hackensack River, on top of most westerly approach wall. A standard monel metal rivet.
Elevation: 8.003 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

Bergen Co.
1936

HUD-C page 3

- RV 1231 - EAST RUTHERFORD, BERGEN CO. On the south side of Paterson Turnpike, about 1400.00 ft. east of Moonachie Road, in bridge over small creek, in east end of abutment wall. A standard monel metal rivet.
Elevation: 9.200 ft.
- MON 1273 - EAST RUTHERFORD, BERGEN CO. On the southwest corner of the Paterson Plank Road, and Route #3, 56.11 ft. southeast of a crowfoot cut in pole ERF-81017; 17.36 ft. south of a cross in a catch basin. A standard U.S.C.&G.S.&S.S. disk, set in concrete, stamped "1273".
Elevation: 7.542 ft.
- MON. 1272 - CARLSTADT, BERGEN CO. On the north side of Paterson Plank Road about $\frac{1}{2}$ mile west of its intersection with Route #3. 6.59 ft. north of a cross cut in the north trolley rail; 23.47 ft. east of a cross cut in pole #2525. A standard U.S.C.&G.S.&S.S. DISK? set in concrete stamped "1272".
Elevation: 7.793 ft.
- RV 1230 - CARLSTADT, BERGEN CO. On the north side of Paterson Ave. about 100.00 ft. east of Berry's Creek, on building of Radio Station WNEW; in east wing wall of steps. A standard monel metal rivet.
Elevation: 9.768 ft.
- RV 1229 - EAST RUTHERFORD, BERGEN CO. On the south side of Paterson Ave. 100.0 ft. southwest of intersection of Hoboken Ave. and Route #2, in one story brick factory facing Paterson Ave., in west end of most easterly window sill. A monel metal rivet.
Elevation: 14.945 ft.
- RV 806 - EAST RUTHERFORD, BERGEN CO. On the southwest corner of the intersection of Route #2, Paterson Ave., and the Paterson Plank Road; about 31 ft. south of the center line of the Plank Road; 0.50 ft. northeast of the northeast curb end of a catch basin located in the southeast curb of Paterson Ave.; in and level with the top of the curb. A standard monel metal rivet.
Elevation: 10.986 ft.

NEW JERSEY

Bergen County
Hudson County
1939

GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

HUD-C, page 4

TIE TO TRIANGULATION STATION "SEC"

SEC -RUTHERFORD, BERGEN COUNTY. In the vicinity of the Hackensack River, Bergen Co. N.J., on the west side of the River about $\frac{1}{2}$ mile south of the Paterson Plank Road, on the southeast corner of the west bridge approach, in the south sidewalk between the 4th. and 5th. concrete railing posts from the east edge of the west approach. Center is marked by a standard C&GS bronze disk countersunk slightly below the surface of sidewalk, two standard C&GS bronze reference disks were similarly placed, #1 to the north on the north sidewalk opposite center; and #2 to the east on the south sidewalk. A standard U.S.C.&G.S. Triangulation Station Disk, set in the sidewalk, on the south side of Rte. 3, (State Hwy.)

Elevation: 43.183 ft.

ADDITIONAL MONUMENTS

MON 1276-NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Garden Street); 17.24 ft. south of a cross cut in the south curb of Paterson Plank Road; 1.35 ft. east of a cross cut in the east curb of Route 1; 47.60 ft. west of a telephone pole; 57.65 ft. northeast of an iron post, and about 1 inch higher than the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1276" and set in concrete.

Elevation: 29.519 ft.

MON. 1277-NORTH BERGEN, HUDSON COUNTY. On the east side of State Highway Route 1 (Tonelle Avenue); about 345 feet north of the north curb of the Paterson Turnpike; 1.78 ft. east of the east curb of Rte. 1; 2.96 ft. southeast of a cross cut therein and 6.19 ft. northeast of a similar cross cut in the east curb of Route 1, and $1\frac{1}{2}$ inches higher than the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1277" and set in concrete, set in iron box.

Elevation: 14.550 ft.

LOCAL CONTROL SURVEY

Hudson County
1935

STATE OF NEW JERSEY

HUD-D page 1

DESCRIPTION OF BENCH MARKS

STARTING AT JERSEY CITY, HUDSON COUNTY, AT THE INTERSECTION OF COMMUNIPAW AVE. AND WEST SIDE AVE. THENCE RUNNING SOUTHWEST ON THE HUDSON COUNTY BOULEVARD THROUGH BAYONNE TO THE KILL VAN KULL; THENCE NORTHEAST ON AVENUE E, GARFIELD AVE., AND PACIFIC AVE. TO COMMUNIPAW AVE. IN JERSEY CITY; THENCE WEST ON COMMUNIPAW AVE. TO THE POINT 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 AND GEODETIC SURVEY.

D - 7 Hudson Co. Engineer - JERSEY CITY, HUDSON CO. On the south end of a concrete door sill at the first private entrance south of Communipaw Ave. (#583 West Side Ave.) to a brick building on the west side of West Side Ave. The building on the southwest corner of West Side Ave. and Communipaw Ave.; 0.25 ft. north of the south end of the sill; 0.11 ft. west of the east face of the sill. A cross cut.

Elevation: 36.859 ft.

RV. 1903 - JERSEY CITY, HUDSON CO. On the southwest corner of West Side Ave. and Claremont Ave. in a concrete abutment; 10.45 ft. west of the face of the west curb of West Side Ave.; 15.80 ft. south of the face of the south curb of Claremont Ave. A standard monel metal rivet.

Elevation: 23.936 ft.

MON. 1911 - JERSEY CITY, HUDSON CO. On the west side of West Side Ave. at the foot of Audubon Ave.; 37.63 ft. south of pole #60551-JC; 29.50 ft. north of pole #60552-JC; and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk, set in concrete.

Elevation: 16.925 ft.

MON. 1910 - JERSEY CITY, HUDSON CO. On the north side of Audubon Ave. about 1600 ft. east of West Side Ave.; 80.69 ft. northeast of the northeast corner of the 2 story frame dwelling at #63 Audubon Ave.; 9.66 ft. north of the north curb; and level with grade. A standard U.S.C. & G.S. & S.S. bronze disk, stamped "1910" and set in concrete.

Elevation: 57.049 ft.

NEW JERSEY

Hudson County
1936

GEODETIC CONTROL SURVEY

HUD-D page 2

DESCRIPTION OF BENCH MARKS

- RV 1911 - JERSEY CITY, HUDSON CO. On the west side of Hudson Blvd. at the entrance to the Greenville Branch Public Library, 0.28 ft. east of the face of the building; 0.28 ft. north of the northerly face of the southerly cheek wall. A standard monel metal rivet.
Elevation: 85.665 ft.
- RV 1910 - JERSEY CITY, HUDSON CO. On an island in the center of Hudson Blvd. just south of Bartheldi Ave., in the concrete base of lamp post H-395. 28.70 ft. west of the face of the east curb of Hudson Blvd.; 0.30 ft. south of lamp post. A standard monel metal rivet.
Elevation: 45.154 ft.
- 3105-LV - BAYONNE, HUDSON CO. On the east side of Hudson Blvd. on top of the northeast rock abutment carrying the Lehigh RR over Hudson Blvd., 27.0 ft. east of the east curb of Hudson Blvd. 3.5 ft. below the top iron beams between the rails above. An iron plug set by the Lehigh Valley Railroad.
Elevation: 31.205 ft.
- RV 1909 - BAYONNE, HUDSON CO. On the east side of Hudson Blvd. south of the Penna. and Lehigh Valley RR in the top of a concrete base for an upright pillar; 1.62 ft. east of the face of the east curb of Hudson Blvd.; 27.90 ft. north of the north curb of a dead end street. A standard monel metal rivet.
Elevation: 18.152 ft.
- RV 1908 - BAYONNE, HUDSON CO. On the west side of Hudson Blvd. at 48th St. in a driveway leading to Bayonne, Hudson Co. Park. 0.28 ft. south of the southerly face of a column on the north side of drive; 2.20 ft. southeast of the southwest corner of said column. A standard monel metal rivet.
Elevation: 44.350 ft.
- MON. 1909 - BAYONNE, HUDSON CO. On the west side of Hudson Blvd. about on the centerline (produced) of the south sidewalk) of West 44th St.; 23.96 ft. southwest of the north one, 14.87 ft. west of the center one, and 26.58 ft. northwest of the south one, of three crosses cut in the curb; and 1 inch lower than grade. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete.
Elevation: 37.156 ft.

NEW JERSEY

Hudson County
1955

GEODETIC CONTROL SURVEY

HUD-D, page 3

DESCRIPTION OF BENCH MARKS

- RV. 1907 - BAYONNE, HUDSON CO. On the east side of Hudson Blvd. at the north end of the bottom step leading to Terraced Pool of the Bayonne Hudson Co. Park, between 41st and 42nd Sts. 18.95 ft. east of the face of the east curb of Hudson Blvd.; 0.13 ft. south of the step retaining wall. A standard monel metal rivet.
Elevation: 31.411 ft.
- MON. 1908- BAYONNE, HUDSON CO. 14.74 ft. west of the west curb of Hudson Blvd.; 22.07 ft. south of the south curb of West 39th St. (produced) and 1 inch lower than grade. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1908" and set in concrete.
Elevation: 30.170 ft.
- MON. 1906 -BAYONNE, HUDSON CO. On the northwest side of Ave. A. north of West 31st St.; in front of the brick apartment house #733 Ave. A; 9.99 ft. east of pole #PS-61369; 13.78 ft. northwest of a cross cut in the curb and level with the curb. A standard U.S.C.&G.S.&S.S. disk, stamped "1906" and set in concrete.
Elevation: 32.556 ft.
- MON. 1907 -BAYONNE, HUDSON CO. On the north side of West 31st St. about 400 ft. west of Ave. A; 15.86 ft. southwest of the southwest corner of the 2 $\frac{1}{2}$ story frame house #185 W. 31st St.; 19.47 ft. northwest of pole #PS-61360; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1907" and set in concrete.
Elevation: 30.099 ft.
- MON. 1913- BAYONNE, HUDSON CO. 19.60 ft. south of the south curb of West 31st St; west of Hudson Blvd; 2.38 ft. north of pole #PS-2659; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1913" set in concrete. Elevation: 49.266 ft.
- RV 1906 - BAYONNE, HUDSON CO. On the west side of Ave. A. at the south end of the main entrance to the Bayonne Junior High School, and about 160 ft. south of W. 30th St. 0.20 ft. east of the building; 9.01 ft. west of the top step. A standard monel metal rivet.
Elevation: 33.251 ft.

NEW JERSEY

Hudson County
1935

GEODETIC CONTROL SURVEY

HUD-D Page 4

DESCRIPTION OF BENCH MARKS

- RV 1905 - BAYONNE, HUDSON CO. On an island in the center of Hudson Blvd. about 28 ft. south of West 28th St. in the northwest corner of the concrete base for lamp post #H-174. 28.70 ft. east of the face of the west curb of Hudson Blvd. 0.27 ft. south of the northerly end of concrete base. A standard monel metal rivet.
Elevation: 46.896 ft.
- MON. 1905 - BAYONNE, HUDSON CO. 22.9 ft. west of the west curb of Ave. A; across Ave. A from the north sidewalk of West 27th St.; 26.96 ft. northwest of a fire hydrant; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1905" and set in concrete.
Elevation: 29.246 DESTROYED.
- MON. 1904 - BAYONNE, HUDSON CO. 51 ft. west of the west curb of Ave. A, about 150 ft. south of the south curb of West 26th St.; 70.15 ft. southwest of a fire hydrant; and level with grade. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1905" and set in concrete.
Elevation: 24.159 DESTROYED.
- RV 1904 - BAYONNE, HUDSON CO. On an island in the center of Hudson Blvd. about 27 ft. north of W. 20th St. in the southwest corner of the concrete base for a lamp post #H-145. 28.55 ft. east of the face of the west curb of Hudson Blvd; 0.35 ft. north of the southerly end of concrete base. A standard monel metal rivet.
Elevation: 43.162 ft.
- RV 1902 - BAYONNE, HUDSON CO. On an island in the center of Hudson Blvd. about 24 ft. south of West 12th St. in the northwest corner of the concrete base for lamp post #H-115. 28.55 ft. east of the face of the west curb of Hudson Blvd; 0.35 ft. south of the northerly end of concrete base. A standard monel metal rivet.
Elevation: 26.738 ft.
- RV 1901 - BAYONNE, HUDSON CO. At the underpass carrying the Central RR of N.J. over Hudson Blvd. north of 7th St. in the top of the south end of the concrete foundation of the center pier, south of the tracks. A standard monel rivet.
Elevation: 19.322 ft.

LOCAL CONTROL SURVEY

Hudson County

STATE OF NEW JERSEY

1935

DESCRIPTION OF BENCH MARKS

HUD-D page 5

- MON. 1903 - BAYONNE, HUDSON CO. 13.24 ft. east of the east curb of Hudson Blvd., 94.75 ft. north of West 5th St.; and level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1903" and set in concrete.
Elevation: 20.982 ft.
- RV. 1900 - BAYONNE, HUDSON CO. At the pedestrian underpass at Margaret St. under the approach to the Bayonne-Staten Island bridge; in the southeast corner, 0.50 ft. higher than the sidewalk. A standard monel rivet.
Elevation: 20.585 ft.
- MON. 1902 - BAYONNE, HUDSON CO. On the west side of Hudson Blvd., 37.75 ft. north of the north curb of West 3rd St.; 31.91 ft. northeast of the southeast corner and 17.56 ft. east of the southeast corner of a 2 story frame building; and level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1902" and set in concrete.
Elevation: 26.043 ft.
- MON. 1901 - BAYONNE, HUDSON CO. Underneath the first bay north of the north abutment of the approach to the Bayonne-Staten Island bridge, equidistant from each of the four piers, and level with grade. A standard U.S.C.&G.S.&S.S. disk, stamped "1901" and set in concrete.
Elevation: 8.438 ft. DESTROYED
- TIDAL B.M. 2-1919 BAYONNE, HUDSON CO. On the water front of the Gen'l. Cable Co. W. 1st. Street Ave. A Blvd. in the southeast footing of a large steel water tank, south of buildings #1 and #2. A standard disk stamped "2-1919".
Elevation: 8.470 ft.
- TIDAL B.M. 3-1919 BERGEN POINT, BAYONNE, HUDSON CO. On the water-front of the Gen'l. Cable Co. W. 1st Street. Ave. A Blvd. near south end of the west side of Building #1 in the concrete foundation of a steel ladder leading to the roof. A standard disk stamped "3-1919".
Elevation: 8.274 ft.
- MON. 1125 - BAYONNE, HUDSON CO. 1.28 ft. east of the east curb of Hudson Blvd., north of the Central RR of N. J. crossing, 23.71 ft. northwest of a cross cut on the north curb of West 2nd St., and level with curb. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1125" and set in concrete.
Elevation: 14.506 DESTROYED

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

1935

Hudson County

HUD-D page 6

- MON. 1120- BAYONNE, HUDSON CO. 9.03 ft. southwest of a cross cut in the south curb of West 4th St.; 15.11 ft. north-east of a cross cut in the east curb of Ave. C; 11.61 ft. northwest of the northwest corner of a 2 story brick building; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1120" and set in concrete.
Elevation: 27.121 ft.
- MON. 1128-BAYONNE, HUDSON CO. On the east side of Ave. E about 5 ft. south of the south curb of East 14th St. (produced) 9.82 ft. northeast of pole #BT-1505-Bay; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, stamped "1128" and set in concrete.
Elevation: 10.694 ft.
- MON. 1129 -BAYONNE, HUDSON CO. On the east side of Ave. E about 10 ft. north of the south curb of East 17th St. (produced) 12.72 ft. southeast of a fire hydrant; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1129" and set in concrete.
Elevation: 15.673 ft.
- G-11 (Hudson Co. Eng.) BAYONNE, HUDSON CO. On the north end of the bluestone doorsill at the entrance to #156 Ave. E and on the east side of Ave. opposite East 17th St., 0.80 ft. south of the north end of sill and on the edge of the west face of same. A cut square.
Elevation: 16.272 ft.
- MON. 1130- BAYONNE, HUDSON CO. On the east side of Ave. E., on the south side of East 22nd St., 19.64 ft. southwest of pole #PS-2454-Bay; 8.16 ft. east of a fire hydrant; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1130" and set in concrete.
Elevation: 13.257 ft.
- G-12 (Hudson Co. Eng.) BAYONNE, HUDSON CO. On the most southerly basement window sill on Ave. E. of St. Joseph's School located on the northwest corner of E. 24th St. and Ave. E. 0.30 ft. north of the extreme south end of sill and on the edge of the east face of same. A cut square.
Elevation: 23.923 ft.
- MON. 1123- BAYONNE, HUDSON CO. 8.82 ft. east of a cross cut in the east curb of Prospect Ave.; on the south side of East 22nd St. 7.02 ft. southwest of a fire hydrant; 8.40 ft. south of pole #PS-H-6004-Bay; and level with the sidewalk. A standard disk, set in concrete.
Elevation: 9.749 ft.

GEODETIC CONTROL SURVEY

HUD-D page 7

DESCRIPTION OF BENCH MARKS

- MON. 1131 - BAYONNE, HUDSON CO. 9.79 ft. east of a cross cut in the east curb of Ave. E about 85 ft. south of the south curb of East 28th St. (produced) 18.62 ft. southeast of pole #BT-1473-Bay; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1131" and set in concrete.
Elevation: 29.867 ft. DESTROYED
- MON. 1124 - BAYONNE, HUDSON CO. 8.57 ft. east of the east curb of Prospect Ave.; about 58 ft. north of the north curb of East 27th St.; 49.33 ft. northeast pole #PS-H-60545-Bay; and level with sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1124" and set in concrete.
Elevation: 27.193 ft.
- MON. 1132 - BAYONNE, HUDSON CO. 10.28 ft. east of a cross cut in the east curb of Ave. E about 8 ft. south of the south curb (produced) of East 31st St.; 12.42 ft. northeast of a fire hydrant; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1132" and set in concrete.
Elevation: 36.126 ft.
- MON. 1126 - BAYONNE, HUDSON CO. 6.76 ft. east of a cross cut in the east curb of Prospect Ave.; 10.69 ft. north of a cross cut in the north curb of East 31st St.; 59.10 ft. southeast of pole #PS-61331-Bay; and level with sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1126" and set in concrete.
Elevation: 25.420 ft.
- MON. 1133 - BAYONNE, HUDSON CO. 9.76 ft. east of a cross cut in the east curb of Ave. E. 9.31 ft. north of a cross cut in the north curb of East 32nd St.; 29.38 ft. southeast of pole #BT-1463-Bay; and level with sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1133" and set in concrete.
Elevation: 30.221 ft. DESTROYED
- MON. 1127 - BAYONNE, HUDSON CO. 8.81 ft. east of a cross cut in the east curb of Prospect Ave.; 10.16 ft. north of a cross cut in the north curb of East 32nd St.; 9.60 ft. northeast of pole #PS-B61719H; and level with curb. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1127" and set in concrete.
Elevation: 27.465 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Hudson County
1985

DESCRIPTION OF BENCH MARKS

HUD-D Page 8

- MON. 1134 - BAYONNE, HUDSON CO. On the east side of Ave. E; about 110 ft. north of the north curb (produced) of East 34th St.; 5.03 ft. southeast of pole #BT-1454-Bay; 78.85 ft. northeast of pole #BT-1455-Bay; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1134" and set in concrete.
Elevation: 19.408 ft. DESTROYED
- MON. 1135 - BAYONNE, HUDSON CO. 4.41 ft. east of a cross cut in the east curb of Ave. E; about 7 ft. north of the north curb of East 44th St.; 74.05 ft. southeast of pole #BT-1435-Bay; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1135" and set in concrete.
Elevation: 33.627 ft. DESTROYED
- MON. 1136 - BAYONNE, HUDSON CO. 3.28 ft. east of a cross cut on the east curb of Ave. E; 5.98 ft. north of a cross cut on the north curb of East 49th St.; 6.11 ft. southeast of pole #BT-1426-Bay; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped "1136".
Elevation: 17.321 ft.
- MON. 1137 - BAYONNE, HUDSON CO. 12.45 ft. east of a cross cut in the east curb of Ave. E about on the north curb line (produced) of East 52nd St.; 77.85 ft. northeast of a fire hydrant; and level with the curb. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped "1137".
Elevation: 11.993 ft. DESTROYED
- MON. 1138 - JERSEY CITY, HUDSON CO. 7.77 ft. west of a cross cut on the west curb of Garfield Ave.; about 100 ft. north of the Morris Canal and the Bayonne-Jersey City line; 51.33 ft. southwest of pole #PS-2283-JC; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete and stamped "1138".
Elevation: 18.485 ft.
- MON. 1139 - JERSEY CITY, HUDSON CO. On the west side of Garfield Ave, across from the plant of the Greenville Coal and Ice Co. at #98; 43.65 ft. south of the southeast corner of the 2 story frame building at #105; 63.12 ft. north of pole #PS-2272-JC; and level with the crown of the road. A standard U.S.C.&G.S.&S.S. bronze disk set in concrete, and stamped "1139".
Elevation: 29.456 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-D, page 9

- MON 1140- JERSEY CITY, HUDSON CO. 5.82 ft. west of the west curb of Garfield Ave.; 75 ft. north of the north curb of Chapel Ave.; 3.73 ft. east of a cross cut on the concrete base on an iron cemetery fence; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete, and stamped "1140".
Elevation: 65.788 ft. DESTROYED.
- MON 1141- JERSEY CITY, HUDSON CO. 6.16 ft. west of a crosscut in the west curb of Garfield Ave.; 12.50 ft. southeast of the southeast corner of the brick building at #485 (Bay-side Park Apts.) 11.84 ft. northwest of pole #PS-2174-JC; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, set in concrete, and stamped "1141".
Elevation: 67.974 ft. DESTROYED.
- MON 1142- JERSEY CITY, HUDSON CO. On the northeast corner of Caven Pt. Ave. and Pacific Ave.; 3.62 ft. northeast of pole #PS-2009-JC; 15.68 ft. south of a hydrant; level with the crown of the road. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and stamped "1142".
Elevation: 10.048 ft.
- MON 1143- JERSEY CITY, HUDSON CO. On the west side of Pacific Ave.; 25 ft. south of the south rail of the Central R.R. of N.J. tracks; 21.80 ft. southeast of the southeast corner of the concrete base of a crossing-gate stanchion; and level with the top of the rail. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1143" and set in concrete.
Elevation: 18.981 ft.
- PT. 1163- (City of Jersey City)-JERSEY CITY, HUDSON CO. On the northwest corner of Pacific and Communipaw Aves; 7.74 ft. northeast of pole #PS-57009-JC-H; 11.00 ft. southeast of the southeast corner of a brick building; and set inside an iron box on whose rim is stamped the number "1163" and which is level with the sidewalk. A $\frac{1}{2}$ inch drill hole in the top of a granite post.
Elevation: 19.394 ft.
- D-18-(Hudson Co. Eng.)JERSEY CITY, HUDSON CO. On the south end of the second concrete step above the sidewalk at the 3rd store entrance north of Communipaw Ave. on the west side of Pacific Ave. to a 3 story brick bldg. on the NW corner of Communipaw Ave. and Pacific Ave. The entrance referred to gives access to a branch of the Free Public Library, 0.21 ft. north of the south end of the step. A cross cut.
Elevation: 20.147 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-D, page 10

- MON 1164- JERSEY CITY, HUDSON CO. 24.90 ft. northwest of a cross cut in the north curb of Communipaw Ave.; 12.11 ft. southeast of a cross cut in the east curb of Monticello Ave.; 6.02 ft. southwest of the southwest corner of a 2 story brick building; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1164" and set in concrete.
Elevation: 69.233 ft.
- MON 1165- JERSEY CITY, HUDSON CO. 6.25 ft. north of a cross cut in the north curb of Communipaw Ave.; 8.54 ft. southwest of a cross cut in the west curb of Bergen Ave.; 44.19 ft. northwest of steel pole #PSR-103; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and stamped "1165".
Elevation: 83.143 ft.
- RV 1126- JERSEY CITY, HUDSON CO. On the south side of Communipaw Ave. in the easterly end of an entrance step of a brick building located on the southwest corner of Communipaw Ave. and West Side Ave., 32.44 ft. westerly from the easterly end of building; 16.73 ft. southeast of a steel pole. A standard monel metal rivet.
Elevation: 36.543 ft.

NEW JERSEY

GEODETTIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKSHudson County
1939

HUD-D page 11

ADDITIONAL BENCH MARKS:

- MON. 4285 - BAYONNE, HUDSON CO. On the northwest corner of Hudson County Blvd. and W. 48th St.; 7.43 ft. northeast of cross cut in curb; 6.75 ft. north of cross cut in center of catch basin; 7.52 ft. west of cross cut in curb; 14.60 ft. southeast of southeast corner of 4 story brick house #1111. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of sidewalk.
Elevation: 44.072 ft.
- MON. 4286 - BAYONNE, HUDSON CO. On the northwest corner of Hudson County Blvd. and W. 52nd St.; 5.48 ft. northeast of cross cut in curb; 7.34 ft. northwest of cross cut in curb return; 10.17 ft. west of cross cut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of sidewalk.
Elevation: 41.008 ft.
- MON. 4287 - BAYONNE, HUDSON COUNTY. On the northwest corner of Hudson County Blvd. and W. 57th St.; 17.48 ft. southeast of southeast corner of 2 story brick house #1255; 7.71 ft. northeast of cross cut in curb; 7.32 ft. north of cross cut in curb; 8.95 ft. northwest of crosscut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of sidewalk.
Elevation: 31.694 ft.
- MON. 4288 - BAYONNE, HUDSON CO. On the east side of Hudson County Blvd. about 950 ft. north of north curb of W. 57th St.; 7.01 ft. northeast of cross cut in curb; 1.30 ft. southeast of cross cut in curb return; 8.14 ft. southwest of cross cut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with sidewalk.
Elevation: 19.758 ft.
- MON. 4289 - JERSEY CITY, HUDSON CO. On the east side of Hudson County Blvd., about 117 ft. north of centerline of Pamrapo Ave., between east line sidewalk and property line; 17.87 ft. northeast of, 14.34 ft. east of, and 21.22 ft. southeast of three cross cuts all in curb; 6.47 ft. west of southwest corner of 3 story apartment house #1526; 17.14 ft. north of northwest corner of 1 story store #1524. A standard N.J.G.C.S. disk, set in concrete, 8" below the surface in cast iron box, flush with the ground.
Elevation: 23.348 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-D page 12

- MON. 4290 - JERSEY CITY, HUDSON CO. On southeast corner of Hudson County Blvd. and Winfield Ave.; 8.81 ft. southwest of cross cut in curb; 6.88 ft. southeast of cross cut in north edge of catch basin; 6.16 ft. east of cross cut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of concrete sidewalk.
Elevation: 41.112 ft.
- G-38 - BAYONNE, HUDSON CO. A bronze bracket on the westerly face of the easterly abutment of the Central R.R. Bridge over Avenue "A", between 8th and North Sts. The bracket is 1.0 ft. north of the southwest corner of the abutment and 1.0 ft. above the ground.
Elevation: 13.839 ft.
- MON. 4298 - BAYONNE, HUDSON CO. On the east side of Ave. "A" in north angle of W. 8th St. between curb and sidewalk; 1.0 ft. north of curb; 5.84 ft. northwest of cross cut in curb; 6.88 ft. southeast of cross cut in centerline of sidewalks of Ave. "A" and W. 8th St.; 15.72 ft. northwest of cross cut on manhole rim. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with grade of curb.
Elevation: 26.412 ft.
- MON. 4299 - BAYONNE, HUDSON CO. On northwest side of Ave. "A" in north angle of Pavonia Court in sidewalk; 9.60 ft. north of cross cut in center of catch basin; 5.72 ft. northeast of cross cut in curb; 12.95 ft. southwest of cross cut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with grade of curb.
Elevation: 22.948 ft.
- MON. 7200 - BAYONNE, HUDSON CO. In sidewalk on east side of Ave. "A" on north property line of house #386 Ave. "A"; 3.25 ft. west of southwest corner of 1 story brick building #388 Ave. "A"; 15.82 ft. southeast of cross cut on curb; 16.29 ft. east of cross cut on curb; 10.76 ft. east of cross cut on curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of concrete walk.
Elevation: 32.446 ft.
- MON. 7201 - BAYONNE, HUDSON CO. On the southeast corner of Ave. "A" and W. 19th St. between east curb and sidewalk of Ave. "A"; 7.36 ft. southeast of cross cut in granite sewer top; 2.52 ft. east of curb line; 6.89 ft. northeast of cross cut on east curb of Ave. "A"; 12.90 ft. southwest of cross cut on south curb of W. 19th St. A standard N.J.G.C.S. disk, set in concrete post 8" below surface grade in cast iron box set flush with curb. Elevation: 35.236 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-D, page 13

- MON 7202- BAYONNE, HUDSON CO. On northeast corner of Ave. "A" and W. 22nd St. in sidewalk; 12.60 ft. northwest of cross cut on curb; 4.62 ft. east of cross cut on manhole cover of catch basin; 10.55 ft. southeast of cross cut on curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with concrete sidewalk.
Elevation: 18.456 ft.
- MON 7203- BAYONNE, HUDSON CO. On northeast corner of Ave. "A" and W. 25th St. in sidewalk; 8.23 ft. north of cross cut in curb; 12.63 ft. south of cross cut in east curb of Ave. "A"; 11.68 ft. southwest of west corner of entrance of building #588 Ave. "A". A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of concrete sidewalk.
Elevation: 21.297 ft.
- G-15 - BAYONNE, HUDSON CO. A bronze bracket on the Vocational High School Building on the westerly side of Ave. "A" between 28th and 30th Sts., Bayonne. The bracket is on the easterly brick wall of the building, 2.50 ft. north of the first entrance north of 28th St., and 2.10 ft. above sidewalk.
Elevation: 33.300 ft.
- MON 7204- BAYONNE, HUDSON CO. On west side of Ave. "A", in sidewalk, 15.98 ft. north of the north curblin of W. 29th St.; 8.44 ft. east of cross cut in concrete sidewalk; 8.56 ft. south of cross cut in concrete sidewalk; 8.25 ft. southwest of cross cut in rim of manhole. A standard N.J.G.C.S. disk, set in concrete, 8" below surface grade in cast iron box, flush with surface of sidewalk.
Elevation: 27.263 ft.
- MON 7205- BAYONNE, HUDSON CO. On east side of Ave. "A" in north angle of W. 35th St. between sidewalk and curb; 3.70 ft. east of face of curb; 7.49 ft. northeast of cross cut on north corner of catch basin; 12.30 ft. northeast of curb; 5.50 ft. north of cross cut on sidewalk; 3.87 ft. southwest of cross cut on curb. A standard N.J.G.C.S. disk set in concrete, 8" below surface grade in cast iron box, flush with lawn.
Elevation: 25.867 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-D page 14

- MON. 7206 - JERSEY CITY, HUDSON CO. On the west side of Hudson County Blvd., 159.95 ft. south of south curbline of Stevens Ave.; 15.80 ft. southwest of cross cut in sidewalk north of driveway; 8.50 ft. northwest of cross cut in sidewalk south of driveway; 15.90 ft. northeast of cross cut in low concrete wall in front of Greenville Hospital. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in a cast iron box, flush with surface of concrete sidewalk.
Elevation: 79.458 ft.
- MON. 7207 - JERSEY CITY, HUDSON CO. On the east side of Bergen Ave., 8.50 ft. south of south curb of Fulton Ave.; 8.60 ft. southwest of cross cut in curb; 11.73 ft. west of cross cut in curb; 10.07 ft. northeast of cross cut in curb; 3.75 ft. north of north corner of picket fence. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in a cast iron box, set flush with surface of sidewalk.
Elevation: 82.812 ft.
- MON. 7208 - JERSEY CITY, HUDSON CO. In the sidewalk on the east side of Bergen Ave., on the centerline of Audubon Ave., produced; 2.25 ft. east of cross cut in curb; 10.61 ft. southwest of cross cut in sidewalk near low concrete curb north of Reformed Church; 13.45 ft. north of cross cut in sidewalk near steps of Reformed Church. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in a cast iron box, flush with surface of concrete sidewalk.
Elevation: 87.235 ft.
- RV. 1912 - JERSEY CITY, HUDSON CO. On the northwest corner wing wall C.R.R. of N. J. Bridge, Westside Ave. north of Claremont Ave.
Elevation: 101.157 ft.
- MON. 7215 - JERSEY CITY, HUDSON CO. In concrete sidewalk on the east side of Westside Ave. on the centerline of Pollock Ave., produced; 31.62 ft. northeast of north corner of foundation of DWG #340 Westside Ave.; 9.43 ft. northeast of cross cut in curb; 3.38 ft. southeast of cross cut in curb; 9.32 ft. south of cross cut in curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of sidewalk.
Elevation: 22.845 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-D page 15

- G-14 - BAYONNE, HUDSON CO. A bronze bracket on the south wall of public library at northwest corner of Ave. "C" and east 31st St., 2 ft. east of the entrance to the Board of Education Office and 1 ft. above the walk.
Elevation: 44.471 ft.
- F-25 - BAYONNE, HUDSON CO. A bronze bracket on the westerly face of the most westerly of two concrete foundation blocks which support the west end of the foot bridge over the C.R.R. tracks at the Central R.R. station at 33rd St. and Ave. "E".
Elevation: 28.616 ft.
- MON. 7221 - BAYONNE, HUDSON CO. On the east side of Ave. "E", 120.50' south of south side of E. 35th St.; about 7' south of pole BF 1454 BAY; 7.16' east of a cross cut in the curb; 8.81 ft. southeast of a cross cut in the curb; and 9.70 ft. south of a cross cut in the curb. A standard N.J.G.C. S. disk, set in concrete, 8" below grade in a cast iron box, flush with surface of concrete pavement.
Elevation: 18.836 ft.
- MON. 7217 - BAYONNE, HUDSON CO. On the east side of Ave. "E", on the centerline of E. 39th St. and at the east edge of the sidewalk; 11.12 ft. northeast of a cross cut in the curb; 9.04 ft. east of a cross cut in the curb; and 13.02 ft. southeast of a cross cut in the curb. A standard N.J.G.C. S. disk, set in concrete, 8" below grade in a cast iron box, flush with the concrete pavement.
Elevation: 30.047 ft.
- F-20 - BAYONNE, HUDSON CO. On the Robert Armour Co. factory bldg., on the easterly side of Ave. "E" at 43rd St. The bracket is on the westerly brick wall of the bldg. 1.0 ft. south of the northwest corner and 1.7 ft. above the sidewalk.
Elevation: 33.752 ft.
- MON. 7218 - BAYONNE, HUDSON CO. On the east side of Ave. "E", on the centerline of E. 44th St. in the sidewalk; 8.50 ft. north east of a cross cut on the curb; 6.23 ft. east of a cross cut on the curb; and 8.98 ft. southeast of a cross cut on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with concrete pavement.
Elevation: 33.011 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-D, page 16

- F-19 -BAYONNE, HUDSON CO. A bronze bracket on the George E. Keenan Co. factory bldg., on the northwest corner of 50th St. and Ave. "E". The bracket is on the easterly brick wall of the building, 1.5 ft. north of the southwest corner and 2.0 ft. above the lawn level.
Elevation: 17.772 ft.
- MON. 7219-BAYONNE, HUDSON CO. In the sidewalk on the northwest side of Broadway in north angle of W. 52nd St.; 6.56 ft. south of south corner of 3-story brick bldg. with stores, #1053-1055 Broadway; 48.31 ft. southeast of the east side of the 1st. entrance on W. 52nd St., and 28.10 ft. southwest of north corner of the 1st entrance on Broadway. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with sidewalk.
Elevation: 25.180 ft.
- MON. 7220-JERSEY CITY, HUDSON CO. On the west side of Garfield Ave. in the center of the sidewalk, and approximately 166 ft. north of the north line of W. 55th St., Bayonne; 7.85 ft. north of a cross cut in the curb; 5.92 ft. west of a cross cut in the curb; and 7.44 ft. southwest of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with surface of flag pavement.
Elevation: 17.776 ft.
- MON 7222- JERSEY CITY, HUDSON CO. On the west side of Garfield Ave. in the dirt sidewalk opposite the offices of Greenville Coal & Ice Co. and 292.40 ft. southwest of the south line of Gates Ave.; 43.46 ft. south of south corner of 2-story frame building #105 Garfield Ave.; 41.87 ft. southwest of a cross cut in the curb; northeast of Pole BT2271J.C.; 42.52 ft. west of Pole BT5345J.C.; and 63.21 ft. north of Pole PS2272 J.C. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with grade.
Elevation: 29.174 ft.
- MON 7223- JERSEY CITY, HUDSON CO. On the east side of Garfield Ave. and in the northeast angle of Brown Pl.; 9.15 ft. east of a cross cut in manhole cover; 6.38 ft. north of a cross cut in the north curb of Brown Pl.; and 9.11 ft. east of a cross cut on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with grade.
Elevation: 43.659 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-D page 17

- MON. 7224 - JERSEY CITY, HUDSON CO. On the southeast corner of Danforth and Garfield Aves. on the centerline of the sidewalks; 5.71 ft. southeast of a cross cut in the curb; 6.59 ft. south of a cross cut in the curved portion of the curb; and 7.96 ft. west of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with surface of sidewalk. Elevation: 52.688 ft.
- MON. 7225 - JERSEY CITY, HUDSON CO. On the southeast side of Garfield Ave., and approximately 173.60 ft. north of the north curb of Chapel Ave. which divides N. Y. Bay and Bay View Cemetery; 7.11 ft. northwest of an iron fence post set in a low concrete wall; 6.33 ft. west of an iron fence post set in same wall; and 11.64 ft. southwest of an iron post set in same wall. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in cast iron box, flush with the surface of the sidewalk. Elevation: 66.338 ft.
- MON. 7228 - JERSEY CITY, HUDSON CO. On the northwest side of Garfield Ave. in north angle of Armstrong Ave. opposite Bay-side Park, and northeast of the Helen Apts.; 8.73 ft. east of a cross cut in the curb of Armstrong Ave.; 6.22 ft. north of cross cut in the sewer at the junction of the curb lines; and 5.54 ft. west of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with surface of sidewalk. Elevation: 66.607 ft.
- MON. 7226 - JERSEY CITY, HUDSON CO. On the east side of Garfield Ave. and 85.60 ft. north of north curb line of Wegman Pl. extended, and opposite frame dwelling #625 Garfield Ave.; about 12.7 ft. north of south wall of frame dwelling #625 Garfield Ave., extended; 9.7 ft. (about) south of extension of north wall of same dwelling; 5.10 ft. east of P.S. Pole (no number); 5.33 ft. northeast of cross cut in concrete sidewalk; 2.95 ft. east of cross cut in same sidewalk; and 6.08 ft. southeast of a cross cut in same sidewalk. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with surface of the concrete sidewalk. Elevation: 51.536 ft.

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-D page 18

MON. 7227 - JERSEY CITY, HUDSON CO. On the east side of Garfield Ave., 20.50 ft. north of the north curb line of Wilkinson Ave., extended, and in the drive to the rear of 2-story brick bldg., McCabe's Express, #698-700 Garfield Ave.; 24.55 ft. northwest of northwest corner of entrance to #698-700 Garfield Ave.; 12.86 ft. northwest of northwest corner of same bldg., and 18.33 ft. northwest of the east jamb of doorway on the north side of same bldg. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in a cast iron box, flush with the surface of the concrete sidewalk.

Elevation: 50.764 ft.

MON. 7229 - JERSEY CITY, HUDSON CO. On the northwest side of Pacific Ave., in front of 1-story brick bldg., Chas. B. Crystal Co., #109 Pacific Ave.; 29.04 ft. east of east corner of lowest step leading to the south loading platform of Chas. B. Crystal Co.; 15.05 ft. southeast of a cross cut in the concrete footing wall of same bldg., and 22.38 ft. southwest of the south corner of north loading platform of same bldg., and 3.07 ft. northwest of a tack in P.S. Pole (no number). A standard N.J.G.C.S. disk, set in concrete, 8" below proposed grade in a cast iron box, flush with grade of sidewalk and about 10" below present sidewalk grade.

Elevation: 10.270 ft.

D-29 - JERSEY CITY, HUDSON CO. A bronze bracket on the Air Reduction Co. bldg., just south of the N. J. Central R.R. On the easterly concrete wall 9.7 ft. south of the northeast corner of the bldg., and 1.5 ft. above the ground.

Elevation: 19.556 ft.

MON. 7230 - JERSEY CITY, HUDSON CO. In the sidewalk on the north corner of Pacific and Maple Aves.; south of the southeast corner of a 3-story brick bldg. #377-379 Pacific Ave.; 7.64 ft. east of a cross cut in the curb of Maple Ave.; 8.68 ft. north of a cross cut in the curved portion of the curb; and 12.08 ft. northwest of a cross cut in the curb of Pacific Ave. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with sidewalk.

Elevation: 7.279 ft.

NEW JERSEY

Hudson County

GEODETTIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-D page 19

- MON. 7231 - JERSEY CITY, HUDSON CO. In the concrete sidewalk, on the northwest side of Pacific Ave., just south of the bridge over the bed of the old Morris Canal (abandoned) and opposite a frame bldg. #478 Pacific Ave.; 11.60 ft. west of a cross cut in the curb of Pacific Ave. north of P.S.C.T. steel pole #19; 7.93 ft. northwest of a cross cut in same curb; and 10.32 ft. northeast of a cross cut in proposed driveway. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with the surface of sidewalk.
Elevation: 9.978 ft.
- MON. 7232 - JERSEY CITY, HUDSON CO. In the sidewalk in front of 4-story brick dwelling #450 on the northside of Grand St., opposite Pacific Ave.; 5.47 ft. north of a cross cut in the curb; 10.15 ft. northeast of a cross cut in the curb; 11.78 ft. northwest of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk and in a cast iron box, set flush with surface of concrete sidewalk.
Elevation: 6.637 ft.
- MON. 7233 - JERSEY CITY, HUDSON CO. In the sidewalk at the northeast corner of Grand and Varick Sts.; southwest of the southwest corner of 4-story brick bldg. with store, #366 Grand St.; 14.75 ft. south of a cross cut in the curb of Varick St., south of a fire hydrant; 2.92 ft. northeast of Pole 64509 J.C., and 8.65 ft. northwest of a cross cut in the curb of Grand St. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of the sidewalk.
Elevation: 7.658 ft.
- D-21 - JERSEY CITY, HUDSON CO. On Public School #3 on the south face of the brick wall about 49.0ft. east of the southwest corner of the bldg. which is on Bright St.
Elevation: 11.206 ft.
- G-41 - BAYONNE, HUDSON CO. A bronze bracket on the General Cable Co.'s 1-story brick office and factory bldg., on the south side of 1st St. near Ave. "A" Bayonne. The bracket is on the easterly brick wall of the bldg. 120.00 ft. south of the northeast corner and 1.00 ft. above the ground.
Elevation: 7.655 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-D page 20

- G-40 - BAYONNE, HUDSON CO. A bronze bracket on Bayonne Bolt Co. Office, on the southwest corner of Humphrey Ave. and W. 2nd St. The bracket is on the northerly wall of 1-story concrete block building, 1 ft. west of the northeast corner and 1 ft. above the ground.
Elevation: 16.719 ft.
- Pt. 1121 - (City of Bayonne)-BAYONNE, HUDSON CO. At the center of the intersection of Humphreys Ave. and West 4th St.; 38.09 ft. southwest of a cross cut in the east curb of Humphreys Ave.; 34.04 ft. southeast of a cross cut in the west curb of Humphreys Ave. at its intersection with the north property line (produced) of W. 4th St.; and 45.05 ft. northeast of the northeast corner of the brick foundation of a 2-story apartment bldg. A $\frac{1}{2}$ " cone shaped drill hole in the center of the top of a granite post, level with the pavement.
Elevation: 29.008 ft.

NEW JERSEY

Hudson County
1935

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-E, page 1

STARTING AT JERSEY CITY, HUDSON COUNTY, AT THE INTERSECTION OF COMMUNIPAW AND PACIFIC AVENUES, AND RUNNING NORTHEAST ON PACIFIC AVENUE, GRAND STREET, AND GROVE STREET TO HOBOKEN; THENCE NORTHEAST ON NEWARK AVENUE, HUDSON STREET, AND PARK AVENUE THROUGH HOBOKEN INTO WEHAWKEN

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.

- PT. 1163- (City of Jersey City)-JERSEY CITY, HUDSON COUNTY. On the northwest corner of Pacific and Communipaw Avenues; 7.74 feet northeast of pole No. PS 57009 JC-W; 11.00 feet south east of the southeast corner of a brick building; and set inside an iron box on whose rim is stamped the number "1163" and which is level with the sidewalk. A $\frac{1}{8}$ -inch drill hole in the top of a granite post.
Elevation: 19.394 ft.
- MON. 1144-JERSEY CITY, HUDSON COUNTY. On the west side of Pacific Avenue about 185 feet south of the Lehigh Valley RR bridge; 10.83 feet west of a cross cut in the west curb; 16.29 feet south of the most southerly iron post in an ornamental iron fence; and level with the sidewalk. A standard U.S. C.&G.S.&S.S. bronze disk stamped "1144" and set in concrete.
Elevation: 10.888 ft. DESTROYED
- MON. 1145-JERSEY CITY, HUDSON COUNTY. 3.88 feet north of a cross cut on the north curb of Grand Street, at the foot of Pacific Avenue; 69.81 feet west of the west curb of Bates Street, and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1145" and set in concrete.
Elevation: 7.262 ft. DESTROYED
- MON. 1146-JERSEY CITY, HUDSON COUNTY. On the north side of Grand St. 6.82 feet east of a cross cut in the east curb of Grove St. 8.46 feet northwest of pole No. PS H 64513 JC; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1146" and set in concrete.
Elevation: 6.157 ft.
- MON. 1147-JERSEY CITY, HUDSON COUNTY. 2.2 feet north of a cross cut in the north curb of Railroad Avenue; 13.3 feet southeast of a cross cut in the east curb of Grove Street; 14.0 feet north of a steel pillar of the elevated Pennsylvania RR structure; and level with grade. A standard U.S.C.&G.S. & S.S. bronze disk stamped "1147" and set in concrete.
Elevation: 11.704 ft. DESTROYED

NEW JERSEY

GEODETIC CONTROL SURVEY

Hudson County
1938DESCRIPTION OF BENCH MARKS

HUD-E Page 2

- MON. 1148 - JERSEY CITY, HUDSON CO. 5.04 ft. east of a cross cut in the east curb of Grove St.; about 12 ft. south of the south curb of Pavonia Ave.; 17.10 ft. southwest of pole #PSCT-59056-JC; level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1148", set in concrete.
Elevation: 21.045 ft.
- MON. 1149 - JERSEY CITY, HUDSON CO. About 6 ft. east of the east curb of Grove St.; 10.18 ft. north of a cross cut in the north curb of 12th St.; 9.60 ft. southwest of the southwest corner of the two-story, frame building #562, Grove St.; level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1149" and set in concrete.
Elevation: 14.255 ft.
- MON. 1150 - HOBOKEN, HUDSON CO. 7.45 ft. north of a cross cut in the north curb of Newark St.; just east of the intersection of Grove St.; near the east property line of the Capstaff Turbine Company; 17.59 ft. northwest of pole #PS-497-Hob; level with the curb. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1150", set in concrete.
Elevation: 5.967 ft. DESTROYED
- MON. 1151 - HOBOKEN, HUDSON CO. 10.82 ft. south of a cross cut in the south curb of Newark St.; 11.75 ft. east of a cross cut in the east curb of Willow Ave.; 16.65 ft. east of pole #PSR-7; level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1151", set in concrete.
Elevation: 4.459 ft.
- MON. 1152 - HOBOKEN, HUDSON CO. On the northwest corner of Newark and Hudson Sts., set level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1152", set in concrete.
Elevation: 15.548 ft.
- MON. 1153 - HOBOKEN, HUDSON CO. 16.02 ft. southwest of a cross cut in the west curb of Hudson St.; 19.31 ft. northeast of a cross cut in the north curb of Fifth St.; 23.0 ft. southeast of the southeast corner of the five-story, brick building at #500 Hudson St., level with the pavement. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1153", set in concrete.
Elevation: 33.870 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Hudson County
1938DESCRIPTION OF BENCH MARKS

HUD-E Page 3

- MON. 1154 - HOBOKEN, HUDSON CO. On the northwest corner of Hudson and Eighth Sts.; 23.77 ft. southeast of the northeast corner of St. Matthew's Lutheran Church. A standard U.S.C. & G.S. & S.S. bronze disk stamped "1154" and set in concrete.
Elevation: 34.920 ft.
- MON. 1155 - HOBOKEN, HUDSON CO. 13.36 ft. southwest of a cross cut in the west curb of Hudson St.; 6.25 ft. north of the north curb of Tenth St.; 22.09 ft. southeast of the southeast corner of a five-story brick apartment building; level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk, stamped "1155"; set in concrete.
Elevation: 28.574 ft.
- MON. 1156 - HOBOKEN, HUDSON CO. 11.49 ft. northwest of a cross cut in the west curb of Hudson St.; 11.89 ft. south of a cross cut in the south curb of 14th St.; 27.13 ft. north of a hydrant; level with the sidewalk. A standard U.S.C. & G.S. & S.S. bronze disk, stamped "1156"; set in concrete.
Elevation: 9.125 ft.
- MON. 1157 - HOBOKEN, HUDSON CO. On the southwest corner of Park Ave., and 14th St.; 38.35 ft. south of a cross cut in the rim of a manhole in the center of 14th St.; 39.27 ft. southwest of a cross cut in the rim of a manhole in the center of Park Ave., and 14th St.; 33.96 ft. northwest of a cross cut in the rim of a manhole in the center of Park Ave., flush with the sidewalk. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 9.392 ft.
- MON. 1200 - WEEHAWKEN, HUDSON CO. On the south side of Hudson Blvd. East, on the southeast corner of its intersection with Parkview Ave., Highwood Terrace and Highwood Ave.; 2.29 ft. south of the south curb of Hudson Boulevard, East; 115.00 ft. east of the east curb of Parkview Ave.; 26.35 ft. northwest of the northwest corner of a 2 $\frac{1}{2}$ story, stucco dwelling at #720 Hudson Boulevard, East, and level with the curb. A standard U.S.C. & G.S. & S.S. bronze disk, stamped "1200"; set in concrete.
Elevation: 172.219 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-E page 4

ADDITIONAL BENCH MARKS:

- D-21 - JERSEY CITY, HUDSON CO. On Public School #3 on the south face of the brick wall about 49.65 ft. east of the southwest corner of the bldg. which is on Bright St.
Elevation: 11.206 ft.
- MON. 7234- JERSEY CITY, HUDSON CO. In the sidewalk at the northeast corner of the intersection of Grove St. and Wayne St.; southwest of the southwest corner of J. W. Greene Furniture Co., Inc.; 23.68 ft. west of southeast corner of the first show window of J. W. Greene on Wayne St.; 11.63 ft. southwest of the southwest corner of the J. W. Greene Bldg., and 29.30 ft. southwest of the north edge of the first show window on Grove St. A standard N.J.G.C.S. disk set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of sidewalk.
Elevation: 10.616 ft.
- MON. 7235- JERSEY CITY, HUDSON CO. In the sidewalk on southeast corner of the intersection of Grove and First Sts.; 5.51 ft. west of Pole P.S.9363J.C.; 7.28 ft. east of a cross cut in the curb of Grove St., and 15.38 ft. northeast of base of hydrant. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of sidewalk.
Elevation: 14.764 ft.
- MON. 7236- JERSEY CITY, HUDSON CO. In the sidewalk on the northeast corner of the intersection of Grove and Fifth Sts.; 4.71 ft. northeast of a cross cut in the curved portion of a metal sewer plate; 6.98 ft. northwest of a cross cut in the curb of Fifth St.; and 6.75 ft. southwest of a cross cut in the curb of Grove St. A standard N.J.G.C.S. disk set in concrete, 8" below surface of sidewalk in a cast iron box, flush with the surface of sidewalk.
Elevation: 11.734 ft.
- C-46 - JERSEY CITY, HUDSON CO. A bronze bracket on Public School #21 on the northside of 12th St., BOYLE PLAZA, between Jersey Ave. and Erie St.
Elevation: 11.750 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1959

DESCRIPTION OF BENCH MARKS

HUD-E page 5

MON. 7237 - JERSEY CITY, HUDSON CO. In the sidewalk on the southeast corner of the intersection of Grove and Sixteenth Sts., northwest of the northwest corner of 3-story frame dwelling and store, #824 Grove St.; 14.00 ft. northeast of the base of a hydrant; 3.30 ft. southeast of a cross cut on the curb of Grove St., and 10.60 ft. southwest of a cross cut on the curb of Sixteenth St. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of sidewalk.

Elevation: 7.121 ft.

MON. 7238 - HOBOKEN, HUDSON CO. In the sidewalk on the north side of Newark Ave., at the bldg. of Seaboard Marine Repair Co., and about on the line of the east curb of Grove St., extended; about 144 ft. east of centerline of Monroe St.; 12.95 ft. southwest of southeast corner of bldg. of Seaboard Marine Repair Co.; 15.69 ft. northwest of a cross cut in the curb; and 6.51 ft. north of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of sidewalk.

Elevation: 3.500 ft.

LOCAL CONTROL SURVEY
STATE OF NEW JERSEY
DESCRIPTION OF BENCH MARKS

Essex County
Hudson County
1935

HUD-P page 1

STARTING AT NEWARK, ESSEX COUNTY AT THE INTERSECTION OF RAYMOND BOULEVARD AND 4TH STREET RUNNING NORTH ALONG 4TH STREET AND KEARNY AVENUE THROUGH HARRISON AND KEARNY TO BELLEVILLE TURNPIKE AND KEARNY AVENUE, KEARNY, HUDSON 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.

- MON. 1107 - NEWARK, ESSEX CO. On the north side of Raymond Blvd. about 1200 ft. east of Jackson St., about 150 ft. south of the south bank of the Passaic River, 31.67 ft. west of the east one and 28.0 ft. east of the west one of two crosses cut in the curb, and level with the curb. A standard U.S.C.&G.S.&S.S. disk set in concrete.
Elevation: 20.009 ft. DESTROYED
- MON. 1108 - HARRISON, HUDSON CO. On the west side of Fourth St. about 300 ft. north of the Passaic River, in front of the Public Service Co. gas house and across Fourth St. from the southwest corner of the brick wall around the property of the Crucible Steel Co.; 50.74 ft. northwest of the south one and 46.44 ft. southwest of the north one, of two crosses cut in the west curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 16.354 ft. DESTROYED
- RV. 1116 - HARRISON, HUDSON CO. About 15 ft. east of the east curb of Fourth St., about 75 ft. north of the truss of the Jackson St. bridge over the Passaic River, set in the top of the masonry coping of the east retaining wall of the bridge, at the end of an iron fence; 0.28 ft. west of the iron base plate of the fence post; 0.55 ft. south of the north edge and 0.49 ft. east of the west edge, of the coping. A standard monel rivet.
Elevation: 19.923 ft.
- RV. 1117 - HARRISON, HUDSON CO. About 16 ft. east of the east curb of Fourth St.; 40 ft. south of the south rail of the Penna. RR tracks, set in the top of the concrete step midway between the two doors of the north entrance to the 1 story brick building of the Hyatt Roller Bearing Co.; 11.06 ft. south of the northwest corner of the building and 0.62 ft. east of the west face of the steps. A standard monel rivet.
Elevation: 10.793 ft.

NEW JERSEY

Hudson Co.
1539

GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

HUD-F, page 2

MON. 1265- HARRISON, HUDSON CO. 7.85 ft. east of the east curb of Fourth St.; 9.10 ft. south of the south curb of Bergen St.; 9.31 ft. north of a cross cut in the lowest step at the entrance to a 4-story brick building occupied by the Radio Corp. of America; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, set in concrete
Elevation: 24.628 ft.

RV 1118 - EAST NEWARK, HUDSON COUNTY. On the west side of Fourth St. about 115 ft. north of Sherman Ave., at the Erie RR bridge in the southwest corner of the bridge, 0.20 ft. east of the west edge and 1.37 ft. north of the south edge of the sidewalk; and 12.35 ft. northwest of steel pole #PSCT-59192. A standard monel rivet.
Elevation: 59.921 ft.

MON. 1109- KEARNY, HUDSON CO. 14.4 ft. east of the east curb of Kearny Ave., 32 ft. south of the south curb of a driveway on the south side of the Kearny Town Hall, 50 ft. south of the southwest corner of the foundation of the Kearny Town Hall, and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 105.393 ft.

111.11 (W.J.G.S.)-KEARNY, HUDSON CO. At the Kearny Town Hall, on Kearny Ave., in the southeast corner of the large stone landing five steps down from the main entrance door, in the corner formed by the junction of the south stone balustrade with the building. A chiseled cross.
Elevation: 111.405 ft.

MON. 1110- KEARNY, HUDSON CO. In the park at the northeast corner of Kearny Ave., and Beech St., at the foot of Pavonia Ave., 70 ft. southwest of the southeast corner of the base of the World War Memorial Monument, 0.5 ft. east of the east edge of the sidewalk, and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 106.625 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

Hudson County

Bergen County

1935

DESCRIPTION OF BENCH MARKS

HUD-~~F~~ page3

- RV 818 - KEARNY, HUDSON CO. On the west side of Kearny Ave. between Pavonia and Oakwood Ave's., at the old Kearny Post Office in the top of the south end of the sill at the main entrance door, 0.57 ft. north of the north face and 0.39 ft. west of the east face of the south masonry jamb. A standard monel rivet.
Elevation: 108.588 ft.
- MON. 1298 - KEARNY, HUDSON CO. On the southwest side of Midland Ave. at the foot of Franklin Place, southeast of the new Kearny Post Office, 119.12 ft. southeast of the property monument at the northeast corner and 6.44 ft. southeast of the property monument at the southeast corner of the Post Office Property. A standard U.S. C.&G.S.&S.S. disk; (bronze) stamped "1298" and set in concrete.
Elevation: 127.257 ft.
- MON. 1299 - KEARNY, HUDSON CO. On the west side of Franklin Place between Locust Ave. and Midland Ave., in the top of the north end of the first step at the front entrance to the residence of one Pendlebury, #28 Franklin Place. A standard U.S.C.&G.S.&S.S. bronzr disk, stamped "1299" set in concrete.
Elevation: 130.648 ft.
- RV 817 - KEARNY, HUDSON CO. On Kearny Ave., at the bridge over the Greenwood Lake Division of the Erie RR in the top of the east end of the north retaining wall. A standard monel rivet.
Elevation: 125.137 DESTROYED.
- RV 816 - KEARNY, HUDSON CO. At the southwest corner of Kearny and Stewart Aves., at the main entrance to the Kearny Public School, in the top step at the south end of the front edge of the platform, 10.25 ft. east of the east wall of the building and 0.79 ft. north of the south jamb of a brick arch. A standard monel rivet.
Elevation: 139.371 ft.
- MON. 816 - NORTH ARLINGTON, BERGEN CO. On the east side of Ridge Rd. north of the Belleville Turnpike, in front of #10 Ridge Road (vacant lot); 27.11 ft. north of the northwest corner of a store and building at #6 Ridge Road; 28.35 ft. southwest of the southwest corner of the frame store #12 Ridge Road; 22.23 ft. southeast of pole #80001-NA; and level with grade. A standard U.S.C.&G.S.&S.S. disk (bronze) stamped "816" and set in concrete.
Elevation: 148.094 ft.

LOCAL CONTROL SURVEY

STATE OF NEW JERSEY

DESCRIPTION OF BENCH MARKS

1935

Bergen County

HUD-F page 4

RV 515 - NORTH ARLINGTON, BERGEN CO. At the North Arlington National Bank, on the west side of Ridge Road north of the Belleville Turnpike, on top of the north stone stringer at the steps at the main entrance; 0.50 ft. east of the east wall of the building and 0.97 ft. north of the south face of the stringer. A standard monel rivet.
Elevation: 149.026 ft.

MON. 1221 - NORTH ARLINGTON, BERGEN CO. On the north side of the Belleville Turnpike about 170 ft. west of the center line of Ridge Road; 46.53 ft. northeast of the northwest corner and 50.84 ft. north of the northeast corner, of the brick building #210 Belleville Ave.; and level with grade. A standard U.S.C.&G.S.&S.S. disk, (bronze), set in concrete, and stamped "1221".
Elevation: 150.759 ft.

ADDITIONAL BENCH MARK:

MON 1258- TOWN OF KEARNY, HUDSON CO. N.J. At the northwest corner of Kearny Ave. and Bergen Ave., flush with the cement sidewalk; 4.91 ft. south of the southeast corner of a brick building belonging to John D. Crane Sons; 9.85 ft. northeast of a crowfoot cut on a fire hydrant; and 11.85 ft. north of a cross cut on a manhole rim in Bergen Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 111.860 ft.

MON 1257- TOWN OF KEARNY, HUDSON CO. N.J. At the southwest corner of Belgrove Drive and Bergen Ave.; 12.01 ft. south of a cross cut on the south curb of Bergen Ave.; 6.18 ft. west of a cross cut on the west curb of Belgrove Drive; and 33.84 ft. southwest of a cross cut on a manhole rim in Belgrove Drive. A standard U.S.C.&G.S.&S.S. disk, set in concrete, flush with the ground.
Elevation: 96.616 ft.

NEW JERSEY

Bergen County
Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-G, page 1

STARTING IN NORTH ARLINGTON BERGEN COUNTY, AT THE BELLEVILLE TURNPIKE AND PASSAIC AVE., AND RUNNING THENCE SOUTH ALONG PASSAIC AVENUE THROUGH KEARNY AND EAST NEWARK, HUDSON CO. TO HARRISON AVE., HARRISON, HUDSON CO., THENCE EAST ALONG HARRISON AVE. TO FIRST ST., THENCE SOUTH ALONG FIRST ST. TO BERGEN ST., THENCE EAST ALONG BERGEN ST. TO FOURTH ST., THENCE SOUTH ALONG FOURTH ST. TO A POINT ABOUT 300 FEET NORTH OF THE JACKSON ST. BRIDGE OVER THE PASSAIC RIVER, STILL IN HARRISON, HUDSON CO. AND A TIE RUN FROM BM A-1 AT BERGEN AND SOUTH FOURTH ST., HARRISON, HUDSON CO. THROUGH BM A-2 TO MON. 1265, ALL AT SAME INTERSECTION.

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 1220-NORTH ARLINGTON, BERGEN COUNTY, N.J. 1.46 ft. north of the north curb of the Belleville Turnpike, west of Passaic Ave., 17.73 ft. southwest of pole PS-322-NA; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete. REMOVED.

Elevation: 12.743 ft.

MON 1278-KEARNY, HUDSON CO. On the west side of Passaic Ave., south of the Belleville Turnpike, south of West Bennet Ave.; 24.48 ft. north of pole K-61441; 99.00 ft. west of the northwest corner of the garage building occupied by "Wolf's Cadillac Cars"; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 11.768 ft.

MON 1279-KEARNY, HUDSON CO. On the west side of Passaic Ave. about 25 ft. south of the tracks of the Erie RR; 17.55 ft. east of the southeast corner of the West Arlington Station; 5.59 ft. southwest of the south west corner of a concrete wall which runs parallel to and south of the tracks; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 50.834 ft.

MON 1280-KEARNY, HUDSON CO. On the west side of Passaic Ave. about 1600 ft. south of the Greenwood Lake Division of the Erie RR; 114.01 ft. southwest of the northwest corner and 50.27 ft. northwest of the southwest corner, of a stone wall situated on the east side of Passaic Ave.; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete. DESTROYED.

Elevation: 12.591 ft.

NEW JERSEY

Hudson County
1938GEODETTIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

HUD-G, page 2

- RV 1250-KEARNY, HUDSON CO. On the west side of Passaic Ave., at the 2-story frame and stucco building 477-79 Passaic Ave. (Riverside Grill); 41.01 ft. northeast of the southeast corner and 9.91 ft. south of the northeast corner of the building; set in the top of the north concrete retaining wall at the area-way to the cellar door, 1.39 ft. east of the east wall of the building. A standard monel rivet.
Elevation: 13.092 ft.
- MON 1261-KEARNY, HUDSON CO. 7.62 ft. east of the east curb of Passaic Ave.; 9.50 ft. north of the north curb of Bergen Ave.; 6.0 ft. southeast of pole K-61775; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 9.800 ft.
- M-6 -(Hudson Co. Eng.) KEARNY, HUDSON CO. On the northwest corner of a concrete slab on which is a manhole in front of the Time Office of the Nairn Congoleum Co. on the east side of Passaic Ave. about 800 ft. south of Bergen Ave. 0.35 ft. east of the west face and 0.45 ft. south of the north face of the slab. A cut square.
Elevation: 15.565 ft.
- MON 1262-KEARNY, HUDSON CO. 11.30 ft. west of the west curb of Passaic Ave., between Bergen Ave. and McNary St., north of the private entrance to the Kearny Yacht Club; 63.0 ft. southwest of pole 1140K; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 12.772 ft.
- RV 1251-EAST NEWARK, HUDSON CO. 12.54 ft. north of the southeast corner of the building occupied by the Rockford Furniture Co., which is located on the northwest corner of Central & Passaic Ave's.; in the south end of a stone door step, 21 ft. west of the east edge; and 17.45 ft. west of a cross in the west curb of Passaic Ave. A standard monel rivet.
Elevation: 11.242 ft.
- MON 1263-HARRISON, HUDSON CO. 9.18 ft. west of the west curb of Passaic Ave.; across Passaic Ave. from the south curb of Reynolds Ave.; 7.00 ft. west of pole NE60030; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 10.782 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

HUD-G, page 3

DESCRIPTION OF BENCH MARKS

MON 1264-HARRISON, HUDSON CO. 9.98 ft. south of the south curb of Harrison Ave., about 300 ft. east of the east end of the Bridge St. bridge over the Passaic River; 13.56 ft. southwest of pole PS-407-H; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 8.637 ft.

MON 1285-HARRISON, HUDSON CO. 8.43 ft. northeast of the northeast curb of Bergen St.; 8.81 ft. southeast of the southeast curb of First St.; 9.12 ft. north of a fire hydrant; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 7.812 ft.

B.M. A-1-HARRISON, HUDSON CO. In northeast corner of top concrete step on northwest entrance to R.C.A. Radition Building on southeast corner of Bergen and South Fourth St. A chiseled square.

Elevation: 26.158 ft.

B.M. A-4-HARRISON, HUDSON CO. On east side of P.S. Co. manhole rim on west side of South Fourth St. 15 ft. north of Penn. RR and 6 ft. east of west curb of South Fourth St. A chiseled cross.

Elevation: 7.634 ft.

MON 1108-HARRISON, HUDSON CO. On the west side of Fourth St. about 300 ft. north of the Passaic River, in front of the Public Service Co. gas house and across Fourth St. from the southwest corner of the brick wall around the property of the Crucible Steel Co.; 30.74 ft. northwest of the south one and 46.44 ft. southwest of the north one, of two crosses cut in the west curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

DESTROYED

Elevation: 16.354 ft.

TIE RUN FROM A-1 TO MON. 1265:

A-2 -HARRISON, HUDSON CO. On northeast bolt on top of fire hydrant on southeast corner of Bergen and South Fourth St. 10 ft. south from south curb of Bergen St.; 2 ft. east of east curb on South Fourth St. A chiseled cross.

Elevation: 26.120 ft.

NEW JERSEY

Hudson County
Bergen County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-G, page 4

MON 1268-HARRISON, HUDSON COUNTY. On the south side of Bergen Street, and on the southeast corner of the intersection of Bergen Street and Fourth Street, set in top of a concrete post and flush with the sidewalk; 10.81 feet west of a cross cut in a bolt on a fire hydrant which is on the south side of Bergen Street., east of Fourth St.; 9.54 feet northeast of a cross cut in a bolt on a fire hydrant which is on the east side of Fourth Street, south of Bergen St.; and 9.31 feet north of a cross cut in the first concrete step of a four-story brick building occupied by the Radio Corporation of America. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1268".
Elevation: 24.628 ft.

END OF TIE RUN.

REPLACEMENT OF MON. 1220:

MON 6670-NORTH ARLINGTON, BERGEN COUNTY On the northwest corner of Passaic Avenue and Belleville Turnpike; 50.72 ft. southeast of the easterly side of pole 60769-NA, and southeast of Rutgers Street bridge, in a cast iron box, about 6 in. below curb; 53.82 ft. northerly from the north corner of a catch basin at curb; 67.71 ft. south from the south corner of first brick step of south entrance to "Tri-County Grill" diner, and 16.50 ft. southwest of the southwest corner of concrete base of a sewer gate station. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 11.863 ft.

REPLACEMENT OF MON. 1280:

MON 7216-KEARNY, HUDSON CO. On the west side of Passaic Ave. about 1800 ft. south of the Greenwood Lake Division of the Erie RR; 114.01 ft. southwest of the northwest corner and 50.27 ft. northwest of the southwest corner, of a stone wall situated on the east side of Passaic Ave.; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 11.925 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
Hudson County
1938

HUD-H, page 1

STARTING IN NORTH ARLINGTON, BERGEN CO., AT THE BELLEVILLE TURNPIKE AND SCHUYLER AVE., AND RUNNING THENCE SOUTH ALONG SCHUYLER AVE. TO HARRISON AVE., KEARNY, HUDSON CO., THENCE ALONG HARRISON AVE. TO WORTHINGTON AVE. HARRISON, HUDSON CO., THENCE SOUTH ALONG WORTHINGTON AVE. TO BERGEN ST. THENCE WEST ALONG BERGEN ST. TO FOURTH ST., SAME LOCALITY.

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. 1222- BORO. OF NORTH ARLINGTON, BERGEN CO. On the northwest corner of the Belleville Tpke. and Schuyler Ave., and 1.37 ft. west of the west curb of Schuyler Ave.; 63.78 ft. west of the west corner of a Texaco Gas Station; 93.40 ft. southwest of pole PSE-62-NA; and 47.48 ft. northeast of a pole (no number). A standard U.S.C.&G.S. &S.S. disk, set in concrete, level with the curb, Elevation; 99.893 ft.
- MON. 1294- TOWN OF KEARNY, HUDSON CO. On the east side of Schuyler Ave., just north of its intersection with Shepherd Place, flush with the ground; 78.00 ft. northeast of the northeast corner of a building on the southwest corner of the intersection; 52.07 ft. east of the southeast corner of a brick building on the northwest corner of the intersection; and 73.85 ft. southeast of the northeast corner of the same building. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation; 81.583 ft.
- MON. 1293- TOWN OF KEARNY, HUDSON CO. On the southwest corner of the intersection of Schuyler Ave. and Laurel Ave., flush with the ground; 19.62 ft. northeast of the northeast corner of a brick building 667 Schuyler Ave.; 3.85 ft. east of the northeast corner at the end of a concrete wall; 11.20 ft. south of a cross cut in the south curb of Laurel Ave.; and 10.41 ft. west of a cross cut in the west curb of Schuyler Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation; 75.033 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1938

HUD-H, page 2

- MON 1292- TOWN OF KEARNY, HUDSON CO., N.J. On the northwest corner of the intersection of Schuyler Ave. and Midland Ave., flush with the ground; 10.41 ft. northwest of a cross cut in the west curb of Schuyler Ave.; 11.20 ft. southwest of a cross cut in the south curb of Midland Ave.; and 24.42 ft. east of the northeast corner of the frame building at 242 Schuyler Ave. at the southwest corner of the intersection. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
DESTROYED Elevation: 63.673 ft.
- MON 1282 -TOWN OF KEARNY, HUDSON CO. N.J. On the east side of Schuyler Ave., near its intersection with Quincy Ave., flush with the ground; 41.40 ft. east of a cross cut in granite catch basin on west side of Schuyler Ave.; 6.66 ft. northeast of a cross cut in a manhole rim on a concrete platform west of Schuyler Ave.; and 8.93 ft. northeast of a cross cut in the northeast corner of the same platform. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 24.588 ft.
- MON 1290- TOWN OF KEARNY, HUDSON CO. N.J. On the east side of Schuyler Ave., on the south curb line of Bergen Ave. produced, flush with the ground; 40.13 ft. east of a cross cut on the west curb of Schuyler Ave.; 83.84 ft. west of a cross cut at the end of the curb on the west side of Schuyler Ave.; and 90.89 ft. south of a cross cut on a manhole rim on the east side of Schuyler Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 10.241 ft.
- MON 1291- TOWN OF KEARNY, HUDSON CO. N.J. At the southwest corner of Schuyler Ave. and Hoyt St., flush with the ground, surface; 48.96 ft. south of the corner, at the entrance of a frame building at 141 Schuyler Ave. on the northwest corner of the intersection; 8.02 ft. south of a cross cut on the south curb of Hoyt St.; and 8.57 ft. west of a cross cut on the west curb of Schuyler Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 9.689 ft.

NEW JERSEY

Hudson County
1938

GEODETTIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-H, page 3

MON 1289- TOWN OF HARRISON, HUDSON CO. N.J. On the west side of Schuyler Ave. and the south right-of-way line of the Erie Railroad, flush with the ground surface; 63.20 ft. south of a rubble gate post at the southeast entrance to west Hudson Park; 73.69 ft. west of the northwest foundation corner of a frame building 64-72 Schuyler Ave. and belonging to the Harrison Pickle Works; and 72.62 ft. northwest of the southwest foundation corner of the same building. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 12.833 ft.

MON 1285- TOWN OF KEARNY, HUDSON CO. N.J. On the south side of Harrison Ave. on the easterly curb line, produced, of Schuyler Ave., flush with the cement sidewalk; 3.76 ft. northeast of a corner of a frame building 819 Harrison Ave.; 72.24 ft. northwest of a brick building; and 82.17 ft. northwest of a concrete block building belonging to a Texaco Gas Station. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 10.079 ft.

MON 1287- TOWN OF HARRISON, HUDSON CO. N.J. At the southwest corner of Harrison Ave. and Worthington Ave., flush with the ground; 63.70 ft. south of the southwest corner of the brick building at the northwest corner of the intersection; 64.22 ft. north of the northeast corner of the brick building on the southwest corner of the intersection. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 15.322 ft.

MON 1286- TOWN OF HARRISON, HUDSON CO. N.J. At the southwest corner of Worthington Ave. and Bergen St., flush with the ground; 8.30 ft. northeast of the northeast corner of a concrete block building on the southwest corner of the intersection; 7.29 ft. southwest of a cross cut on the west curb of Worthington Ave; and 53.49 ft. west of the Worthington Pump Works, a brick building on the easterly side of Worthington Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 12.173 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

HUD-H, page 4

MON 1265- HARRISON, HUDSON CO. At the entrance to a 4-story brick building occupied by the Radio Corp. of America; and level with the sidewalk; 7.85 ft. east of the east curb of Fourth St.; 8.70 ft. south of the south curb of Bergen St.; 9.31 ft. north of a cross cut in the lowest step. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation: 24.628 ft.

ADDITIONAL BENCH MARKS:

PT. 1260- TOWN OF KEARNY, HUDSON CO. N.J. On the northeast corner of the intersection of Davis Ave. and Duke Street, set flush with the ground; 9.09 ft. northwest of a cross cut in the north curb of Duke St.; 5.41 ft. east of a cross cut in the rim of a manhole on Davis Ave.; and 16.24 ft. southeast of a cross cut in the east curb of Davis Ave. A $\frac{1}{2}$ inch drill hole in the top of a bluestone town monument.

Elevation: 41.711 ft.

PT. 1259- TOWN OF KEARNY, HUDSON CO. N.J. On the southeast corner of the intersection of Davis Ave. and Hoyt St., set flush with the ground; 48.13 ft. southwest of the southwest corner of a brick and frame building on the northeast corner of the intersection; 6.88 ft. northwest of the northwest corner of the frame building #34 Davis Ave.; on the southeast corner of the intersection; and 13.91 ft. northeast of a cross cut in the east curb of Davis Ave. A $\frac{1}{2}$ inch drill hole in the top of a bluestone town monument.

Elevation: 43.708 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-1, page 1

STARTING IN WEST NEW YORK, HUDSON CO. ON HUDSON BOULEVARD EAST BETWEEN SEVENTH AND TENTH STS. AND RUNNING THENCE NORTHERLY ALONG HUDSON BOULEVARD EAST THROUGH GUTTENBURG (SAME CO.) TO PARK AVE. (BULLS FERRY ROAD) NORTH BERGEN, SAME CO. THENCE NORTHWEST ALONG PARK AVENUE AND FAIRVIEW AVE. (BULL FERRY ROAD), FAIRVIEW, BERGEN CO. TO BROAD AVE. (STATE HIGHWAY ROUTE 1), THENCE SOUTH ALONG BROAD AVE. TO THE NEW YORK, SUSQUEHANNA AND WESTERN RR (ERIE RR), STILL IN FAIRVIEW, BERGEN 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.

- RV. 1239- WEST NEW YORK, HUDSON COUNTY. On the west side of Hudson Boulevard East, between 7th. and 10th. Streets, at house No. 1099, on the east end of the first step at the concrete porch. A standard monel rivet.
Elevation: 164.109 ft.
- RV. 1238- WEST NEW YORK, HUDSON COUNTY. On the west side of Hudson Boulevard East, at the entrance to house No. 1239-1241 on the south end of the first step leading thereto. A standard monel rivet.
Elevation: 146.336 ft.
- RV. 1257- WEST NEW YORK, HUDSON COUNTY. On the northwest corner of 22nd. Street and Hudson Boulevard East, set in first concrete step to main entrance of 5 story brick apartment house (1461); 17.55 ft. west of west curb of Hudson Boulevard East; 4.90 ft. south of north edge of step; and 0.37 ft. east of west edge of step. A standard monel metal rivet.
Elevation: 173.927 ft.
- HCE A-7- GUTTENBURG, HUDSON COUNTY. On the top of the 5th. cop stone east of the west end of a stone, parapet wall on the northerly right of way line of the Hudson Boulevard East, at the 27th. Street intersection; the cut is on that end of the wall which is directly opposite house number 55-27th. Street and is 3.80 feet east of the west end of said wall. A cross cut.
Elevation: 183.338 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-I, page 2

RV 1256-NORTH BERGEN, HUDSON COUNTY. On the northwest corner of 30th. street and Hudson Boulevard East, in first concrete step to main entrance of a 4-story brick apartment house (#4 30th. street); 11.10 ft. north of north curb line of 30th. street; 1.67 ft. north of south face of step; 0.37 ft. east of west side of step; and 0.51 ft. south of riser of second step. A standard monel metal rivet.

Elevation: 169.085 ft.

RV 1255-NORTH BERGEN, HUDSON COUNTY. On the east side of Hudson Boulevard East, in concrete foundation of stone gate house, 50 feet north of the centerline of 35th. street; 41.00 ft. southeast of P.S. pole #2838 NB; 4.23 ft. south-east of northeast corner of stone gate house; and 10.50 ft. northwest of northeast corner of stone gate house extension. A standard monel metal rivet.

Elevation: 186.294 ft.

HCE A-8-NORTH BERGEN, HUDSON COUNTY. On the north end of the stone sill of the northerly basement window of the North Bergen Public School No. 10, on the westerly side of Hudson Boulevard East just south of the intersection of Hudson Boulevard East and Bulls Ferry Road, North Bergen; 0.33 feet south of the north end of the sill and 0.07 feet west of the east face of the same. A cross cut.

Elevation: 197.117 ft.

RV 1254-NORTH BERGEN, HUDSON CO. In the northwest corner of 1st. concrete step of Lakeview apartment house, known as 1248-1250, 0.50 ft. east of west edge of step; 15.35 ft. northeast of P.S. Pole 608152; 11.22 ft. north of north curb line Fairview Ave. A standard monel rivet.

Elevation: 194.624 ft.

HCE A-12-NORTH BERGEN, HUDSON CO. On the south east corner of Palisades Avenue and Bulls Ferry Road; 2.0 feet south of the south curb line of Bulls Ferry Road and about 2.0 feet west of the easterly point of curve of the curb on the south curblines of Bulls Ferry Road. Top of the stone monument.

Elevation: 206.116 ft.

HCE A-1-NORTH BERGEN, HUDSON CO. On the north end of a concrete step at the main entrance to a brick building, No. 1275 Bergenline Avenue, on the westerly line of said Avenue, 40 feet north of the northerly curb line of 40th. Street. A cross cut.

Elevation: 213.761 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1938

HUD-1, page 3

- MON 4213- FAIRVIEW, BERGEN CO. In a cast iron box set flush with the surface, on the southwest corner of Bergenline Ave. and Fairview Ave., 3" below surface; 6.68 ft. northeast of a cross cut in the sidewalk on the west side of Bergenline Ave.; 6.59 ft. southeast of cross cut on same sidewalk, and 1.30 ft. west of the west edge of curb on west side of Bergenline Ave. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 221.587 ft.
- RV 1253- FAIRVIEW, BERGEN COUNTY, On the south side of Fairview Ave. between Grant and Lincoln Streets at 2-story brick building No. 384. The rivet is about 140 feet west of the west line of Grant Street and about 130 feet east of the east line of Lincoln Street; 3.25 feet west of the east end of the aforesaid brick building and 45.85 feet south of pole PS-60091. A standard monel metal rivet set in the top of step at front entrance.
Elevation: 218.384 ft.
- RV 1252- FAIRVIEW, BERGEN CO. On the east side of Fairview Ave. about opposite Prospect Ave. at a one-story brick garage (583). Near the south end of a window sill near the northwest corner of said garage; 0.90 ft. north of the south end and 5.17 ft. south of the north end of said window sill; 10.70 ft. southeast of Pole 60124-FV and about 95 ft. north of the north curb line (produced) of Prospect Ave. A standard monel metal rivet, set in concrete, 3.0 ft. above the ground.
Elevation: 154.917 ft.
- RV 1210- FAIRVIEW, BERGEN COUNTY. On the west side of Broad Avenue (State Highway Route 1), on the north west corner of its intersection with Fairview Avenue, in the north east corner of the entrance to the store located on said corner. A standard monel rivet.
Elevation: 27.004 ft.
- RV 1211- FAIRVIEW, BERGEN COUNTY. On the east side of Broad Avenue, just south of the bridge over the Erie Railroad; on top of a retaining wall, and 20.00 feet from the north end thereof. A standard monel rivet.
Elevation: 4^b.508 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
1938

DESCRIPTION OF BENCH MARKS

HUD--J Page 1

STARTING IN JERSEY CITY, HUDSON COUNTY, AT CENTRAL AND BOORAEM AVENUES, AND RUNNING THENCE NORTH ALONG CENTRAL AVENUE TO SECOND STREET, UNION CITY, HUDSON COUNTY, THENCE EAST ALONG SECOND STREET TO BERGENLINE AVENUE, THENCE NORTH ALONG BERGENLINE AVENUE TO 37th STREET, SAME LOCALITY, THENCE EAST ALONG 37th STREET TO BOULEVARD EAST, BETWEEN PARKVIEW AVENUE AND BONN PLACE, WEEHAWKEN, HUDSON 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.

MON.1181- JERSEY CITY, HUDSON COUNTY. At the southeast corner of Booraem Avenue and Central Avenue, 20.79 ft. southwest of the northwest corner of a 3 story brick factory; 36.84 ft. north of the southwest corner of said factory and 7.32 ft. east of a cross cut on top of the east curb of Central Ave., and set flush with the sidewalk. A standard U.S.C. & G.S. & S. S. disk, set in concrete.

Elevation: 120.107 ft.

NJGS 149.75-JERSEY CITY, HUDSON COUNTY. A cross on the outer corner at the northerly end of granite sill of basement window on the Summit Avenue face of the Second Dutch Reformed Church on the east side of Summit Avenue between Rutton and Zabriakie Streets. The window is on the right hand as you enter the northern gate and is $7\frac{1}{2}$ ft. back from the side-line of the Avenue.

Elevation: 160.113 ft.

MON.1219- JERSEY CITY, HUDSON COUNTY. On the southwest corner of Central Avenue and Griffith Street, 13.89 ft. south of a cross cut in the south curb of Griffith Street; 7.04 ft. northwest of a cross cut in the west curb of Central Ave. and 9.95 ft. east of the northeast corner of a 3 story stucco building #317 Central Avenue, flush with the sidewalk. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 128.988 ft.

MON.1229- JERSEY CITY, HUDSON COUNTY. On the southwest corner of Central Avenue and Thorne Street, 13.95 ft. south of a cross cut in the south curb of Thorne Street; 5.93 ft. northwest of a cross cut in the west curb of Central Ave.; and 9.41 ft. east of the northeast corner of a 4 story brick building #401 Central Avenue, flush with the sidewalk. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

DESTROYED

Elevation: 164.151 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

HUD-J Page 2

DESCRIPTION OF BENCH MARKS

- MON. 1245 - JERSEY CITY, HUDSON CO. On the southwest corner of Central Ave. and Congress St., 12.00 ft. south of a cross cut in the south curb of Congress St.; 5.03 ft. northwest of a cross cut in the west curb of Central Ave; and 9.32 ft. southeast of the northeast corner of a 2 story frame building #477 Central Ave., flush with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 162.056 ft.
- MON. 1249 - JERSEY CITY, HUDSON CO. On the southwest corner of Central Ave. and Grace St., 14.77 ft. south of a cross cut in the south curb of Grace St.; 6.35 ft. northwest of a cross cut in the west curb of Central Ave.; and 9.20 ft. east of the northeast corner of a 2 story building #567 Central Ave., flush with the sidewalk. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 160.440 ft.
- MON. 1295 - UNION CITY, HUDSON CO. On the northeast corner of Second St. and Bergenline Ave. in a cast iron box set flush with the sidewalk, 12.17 ft. north of a cross cut in the north curb of Second St.; 5.75 ft. south of a cross cut in the east curb of Bergenline Ave.; and 7.95 ft. west of the southwest corner of a 3 story frame building #40 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete, 3 inches below surface.
Elevation: 160.063 ft.
- MON. 1296 - UNION CITY, HUDSON CO. On the southeast corner of Eighth St. and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 7.92 ft. east of a cross cut in the east curb of Bergenline Ave.; 7.65 ft. west of a cross cut in the south curb of Eighth St.; and 9.28 ft. north of the extreme northwest corner of a 3 story brick building #154 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set 3 inches below surface in concrete.
Elevation: 187.711 ft.
- MON. 1297 - UNION CITY, HUDSON CO. On the southwest corner of Monastery Place and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 6.47 ft. southeast of a cross cut in the south curb of Monastery Place; 6.17 ft. northwest of a cross cut in the west curb of Bergenline Ave.; and 10.60 ft. east of the northeast corner of a 3 story frame building #395 Bergenline Avenue. A standard U.S.C.&G.S.&S.S. disk, set 3 inches below the surface in concrete.
Elevation: 216.498 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1938

DESCRIPTION OF BENCH MARKS

HUD-J page 3

- MON. 4200 - UNION CITY, HUDSON CO. On the southwest corner of 23rd St. and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 14.46 ft. south of a cross cut in the south curb of 23rd St.; 7.71 ft. northwest of a cross cut in the west curb of Bergenline Ave.; and 13.20 ft. east of the northeast corner of a 5 story brick bldg. #453 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set 3 inches below the surface of the ground in concrete.
Elevation: 203.978 ft.
- N.J.G.S. 193.61-UNION CITY, HUDSON CO. A cross on the outer corner
MK. 4201 - of the east end of basement windowsill on the north face and near the northeast corner of Public School #5 at Jane St. and Clinton Avenue.
Elevation: 193.973 ft.
- N.J.G.S. 190.56-UNION CITY, HUDSON CO. A cross cut on the outer corner at the west end of windowsill on the right hand as
MK. 4202 - you enter the office of the Public Service Car Barns on the corner of Clinton Ave. and Angelic St. The tower is at this corner of the structure.
Elevation: 190.948 ft.
- MON. 4201 - UNION CITY, HUDSON CO. On the northeast corner of 32nd St. and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 7.70 ft. north of a cross cut in the north curb of 32nd St.; 9.20 ft. south of a cross cut in the east sidewalk of Bergenline Ave.; and 9.76 ft. southwest of the southwest corner of a 3 story frame bldg. #428 32nd St. A standard U.S.C.&G.S.&S.S. disk, set 3 inches below the surface of the ground in concrete.
Elevation: 189.188 ft.
- MON. 4202 - UNION CITY, HUDSON CO. On the southeast corner of 37th St. and Bergenline Ave. in a cast iron box, set flush with the sidewalk, 6.95 ft. east of a cross cut in the east curb of Bergenline Ave.; 4.30 ft. southwest of a cross cut in the south curb of 37th St.; and 4.60 ft. north of the northwest corner of a 2 story brick bldg. #736 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set 3 inches below the surface of the ground in concrete.
Elevation: 177.244 ft.
- MON. 1201 - UNION CITY, HUDSON CO. On the southwest side of 37th St. about 170 ft. northwesterly from the curb line of Park Ave. set flush with grade, 4.60 ft. southeast of the south easterly side of brick bldg. known as #113-37th St. A standard U.S.C.&G.S.&S.S. disk, set in concrete, set in cast iron box, set flush with ground.
Elevation: 169.379 ft.

NEW JERSEY
GRODENTIC CONTROL SURVEY

Hudson County
1938

DESCRIPTION OF BENCH MARKS

HDD-J Page 4

B-29 WEEHAWKEN, HUDSON COUNTY. On the top of the granite curbing on the southwest corner of Highwood Terrace and Hudson Boulevard East, 3.70 feet east of the P.C. of the curved curb on Highwood Terrace and 0.15 feet south of the face of the curb, near P.S. pole No. 446. A cross cut.
DESTROYED Elevation: 155.246 ft.

MON.1200- WEEHAWKEN, HUDSON COUNTY. On the south westerly side of Boulevard East about 115 ft. southeast of curb line of Parkview Ave., and about 110 ft. northwest of curb line of Bonn Place flush with present grade and curb, 2.29 ft. southwest of south curb of Boulevard East; 26.40 ft. northwest of the northwest side of house #720 Boulevard East. A standard U.S.C. & G.S. & S.S. disk, set in concrete.
Elevation: 172.219 ft.

SPUR RUN FROM MON. 4201 to MK. 4203 (N.J.G.S. 192.11):

NJGS 192.11-WEST HOBOKEN, HUDSON COUNTY. On the outer corner at the easterly end of granite doorsill of main entrance to building of the Hudson Trust Co., on the corner of Spring Street and Hackensack Plank Road. A chiseled cross on raised portion of sill adjacent to brick work.
DESTROYED Elevation: 192.115 ft.

END OF SPUR RUN

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-K, page 1

STARTING IN HOBOKEN, HUDSON COUNTY ON NEWARK STREET OPPOSITE GROVE STREET AND RUNNING THENCE EAST ALONG NEWARK STREET TO HENDERSON STREET, THENCE NORTHEASTERLY ALONG MADISON STREET TO FOURTEENTH STREET, THENCE EASTERLY ALONG FOURTEENTH STREET TO PARK AVENUE, STILL IN HOBOKEN, HUDSON COUNTY.

Mon. 1150- HOBOKEN, HUDSON COUNTY. In the top of a concrete post flush with the ground on the north side of Newark Street east of Grove Street and at the east property line of the Capstaff Turbine Company 7.45 feet north of a cross in the north curb, 14.17 feet northwest of a cross in the north curb and 17.59 feet northeast of a nail in pole #P.S. 497 Hob. A standard U.S.C.&G.&S.S. bronze disk stamped "1150." Elevation: 5.967 ft. DESTROYED

(HUDSON CO. ENGINEER)

B-12 - HOBOKEN, HUDSON COUNTY. On the outer corner at the westerly end of the doorsill at the entrance on the northerly face and near the north east corner of the Fire House, known as Truck No. 2, on Newark Street near Henderson Street, Hoboken. A cross cut. A N.J.G.S.B.M. Elevation: 6.437 ft.

Mon. 4227- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the sidewalk on the southeast corner of Madison St. and 2nd St. 12.16 ft. northwest of a crowfoot cut in the northwest corner of a brick building #133 Madison St.; 21.92 ft. southeast of a cross cut in the rim of a manhole in the center of Madison St., and 2nd St., and 44.23 ft. south of the southwest corner of brick building located on the northeast corner of Madison St. and 2nd. St. A N.J.G.C.S. disk. Elevation: 5.394 ft.

Mon. 4228- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the sidewalk on the northeast corner of Madison St. and 4th St. 13.25 ft. south of a crow foot cut in the southwest corner of frame building #514 2nd St.; 27.59 ft. northeast of a cross cut in the rim of a manhole in the center of Madison St., and 4th St.; and 53.00 ft. east of the southeast corner of brick building #400 Madison St. A standard N.J.G.C.S. disk. Elevation: 5.277 ft.

NEW JERSEY

Hudson County
1936

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-K, page 2

Mon. 4229- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the ground on the southeast corner of Madison St. and 7th St. 58.21 ft. south of a crowfoot cut in the base of a fire hydrant on the northeast corner of Madison St. and 7th St.; 29.50 ft. north of the northwest corner of brick work shop on the southeast corner of Madison St. and 7th St.; and 23.68 ft. southeast of a cross cut in the rim of a manhole in the center of Madison St. and 7th St. A standard N.J.G.C.S. disk.

Elevation: 6.417 ft.

Mon. 4230- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the sidewalk, on the northeast corner of Madison St. and 9th St. 72.64 ft. south of a crow foot cut in a fire hydrant; 26.07 ft. north of a cross cut in the rim of a manhole in the center of Madison St., and 9th St.; and 55.56 ft. east of a crow foot cut in the southeast corner of a 2-story brick building on the northwest corner of Madison St. and 9th St. A standard N.J.G.C.S. disk.

Elevation: 5.692 ft.

Mon. 4231- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the sidewalk, on the northeast corner of Madison St. and 11th St. 58.56 ft. south of the northwest corner of the brick building on the northeast corner of Madison St. and 11th St.; 30.63 ft. north of the northeast corner of a catch basin on the southeast corner of Madison St. and 11th St.; and 64.64 ft. southeast of the northeast corner of a 3-story frame building 1100 Madison St. A standard N.J.G.C.S. disk.

Elevation: 6.253 ft.

Mon. 4232- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the surface on the south side of an overhead viaduct on 14th St. and on the west side of Madison St. 71.05 ft. northwest of the extreme northwest corner of a building on the southeast corner of 14th St. and Madison St.; 27.23 ft. north of the northeast corner of a catch basin on the southwest corner of Madison St. and 14th St.; and 26.22 ft. northwest of a cross cut in the rim of a manhole in the center of Madison St. and the south side of 14th St. A standard U.S.C.&G.S.&S.S. disk.

DESTROYED

Elevation: 7.376 ft.

Hudson County
1938

NEW JERSEY

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-K page 3

Mon. 1157- HOBOKEN, HUDSON COUNTY. Set in concrete, flush with the sidewalk on the southwest corner of Park Ave. and 14th St. 38.35 ft. south of a cross cut in the rim of a manhole in the center of 14th St.; 29.73 ft. southwest of a cross cut in the rim of a manhole in the center of Park Ave. and 14th St.; and 33.96 ft. northwest of a cross cut in the rim of a manhole in the center of Park Ave. A standard U.S.C.&G.S.&S.S. disk.

Elevation: 9.392 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-L, page 1

STARTING IN UNION CITY, HUDSON COUNTY AT BERGENLINE AVENUE AND 37th. ST. AND RUNNING THENCE NORTHERLY ALONG BERGENLINE AND ANDERSON AVENUES THROUGH UNION CITY, GUTTENBURG, NORTH BERGEN, FAIRVIEW AND CLIFFSIDE PARK TO MAIN ST., FORT LEE BOROUGH, BERGEN CO., THENCE WEST ALONG MAIN ST. TO JONES ROAD, THENCE NORTH TO GEORGE WASHINGTON BRIDGE APPROACH PLAZA (S.H. ROUTES 4 AND 6), THENCE EAST ALONG SAID APPROACH PLAZA TO LEMOINE AVENUE, STILL IN FORT LEE BOROUGH, BERGEN 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.

MON 4202-UNION CITY, HUDSON CO. N.J. On the southeast corner of 37th. St. and Bergenline Ave., 3 inches below the surface in a cast iron box set flush with the sidewalk; 6.95 ft. east of a cross cut in the east curb of Bergenline Ave.; 4.30 ft. southwest of a cross cut in the south curb of 37th. St.; and 4.60 ft. north of the northwest corner of a 2 story brick building #736 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 177.244 ft.

MON 4203-UNION CITY, HUDSON CO. N.J. On the southwest corner of 45th. St. and Bergenline Ave., 3 inches below the surface, in a cast iron box set flush with the sidewalk; 5.86 ft. south of a cross cut in the south curb of 45th. St.; 6.74 ft. west of a cross cut in the west curb of Bergenline Ave.; and 5.30 ft. east of the northeast corner of a 3 story brick building #899 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 175.259 ft.

N.J.G.S. 179.17 HUDSON COUNTY

MK 4205-UNION, TOWN OF. A cross on the outer corner at the extreme southerly end of granite door sill of Bergen Line Avenue entrance to the Weehawken Trust Company's building at Fourth Street.
Elevation: 179.505 ft.

MON 4204-UNION CITY, HUDSON CO. In the northeast corner of 49th. St. and Bergenline Ave., in a cast iron box set flush with the sidewalk; 5.92 ft. east of a cross cut in the radius of curb on the northeast corner of Bergenline Ave. and 49th St.; 9.72 ft. southeast of a cross cut in the east curb of Bergenline Ave.; and 6.74 ft. west of the southwest corner of 3 story frame building #1000 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 176.525 ft.

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-L, page 2

MON 4205-WEST NEW YORK, HUDSON CO. N.J. On the southeast corner of Ninth St. and Bergenline Ave., 3 inches below the surface and in a cast iron box set flush with the sidewalk; 11.08 ft. west of the center of a hydrant on the south side of Ninth St.; 8.78 ft. north of the northwest corner of a 3 story brick building #476 Bergenline Ave.; and 13.61 ft. north of the north corner of entrance to same building. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 179.650 ft.

MON 4206-WEST NEW YORK, HUDSON CO. N.J. On the southeast corner of 13th. St. and Bergenline Ave., 3 inches below the surface in a cast iron box set flush with the sidewalk; 5.27 ft. east of a cross cut in the sidewalk on the east side of Bergenline Ave.; 9.82 ft. west of a cross cut in the sidewalk on the south side of 13th. St.; and 5.37 ft. north of the northwest corner of a 3 story brick building #554 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 180.066 ft.

N.J.G.S. 178.77 HUDSON COUNTY

MK 4206- WEST NEW YORK. On the outer corner at the east end of door sill of the second entrance on Fourteenth Street from Bergen Line Avenue to a white and yellow brick structure on the southeast corner of the two streets.

DESTROYED

Elevation: 179.097 ft.

N.J.G.S. 184.41 HUDSON COUNTY

MK 4207- WEST NEW YORK. A cross 4.6 ft. from the southwest corner of building on the west end of blue sandstone window sill of basement window on the Sixteenth Street face of the Municipal Building one block easterly from Bergen Line Avenue at the corner of Harrison Place.

Elevation: 184.701 ft.

MON 4207-WEST NEW YORK, HUDSON CO. N.J. On the southeast corner of 17th. St. and Bergenline Ave., 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 5.95 ft. east of a cross cut in the east curb of Bergenline Ave.; 6.92 ft. west of a cross cut in the south curb of 17th. St.; and 11.96 ft. north of the northwest corner of the 1 story frame building #666 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 185.024 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1936

HUD-L page 3

MON 4208-WEST NEW YORK, HUDSON CO. On the southeast corner of 20th. St. and Bergenline Ave., 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 4.62 ft. east of a cross cut in the east curb of Bergenline Ave.; 8.32 ft. west of a cross cut in the south curb of 20th. St.; and 8.36 ft. north of the northwest corner of the 3 story brick building #734 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 200.691 ft.

N.J.G.C.S. 217.00 HUDSON COUNTY

MK 4208 -WEST NEW YORK. On the extreme southerly end of blue sandstone door sill of the Bergenline Avenue entrance to the red brick church on the corner of Twenty-first Street and Bergenline Avenue.

DESTROYED

Elevation: 217.334 ft.

MON 4209-CUTTENEURG, HUDSON CO. On the southeast corner of 24th. St. and Bergenline Ave., 3 inches below the surface in concrete and in a cast iron box set flush with the sidewalk; 4.81 ft. east of a cross cut in the east curb of Bergenline Ave.; 16.21 ft. northwest of the northwest corner of a 2 story frame building #16 Bergenline Ave., and 14.18 ft. northeast of extreme northwest corner of same building. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 241.509 ft.

MON 4210-NORTH BERGEN, HUDSON CO. On the southeast corner of 28th. St. and Bergenline Ave., and in a cast iron box set flush with the sidewalk 3 inches below the surface of the ground; 10.83 ft. east of southeast corner of catch basin in the east curb of Bergenline Ave.; 10.85 ft. west of a cross cut in the south curb of 28th. St.; and 10.06 ft. north of the corner of 5 story brick building #896 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 239.864 ft.

MON 4211-NORTH BERGEN, HUDSON CO. On the northwest corner of Robinson St. and Bergenline Ave., 3 inches below the surface and in a cast iron box set flush with the sidewalk; 12.61 ft. west of northwest catch basin on the west curb of Bergenline Ave.; 5.32 ft. east of a crowfoot cut in catch basin on north curb of Robinson St.; and 12.56 ft. south of the southeast corner of a 2 story building #109 Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.

Elevation: 213.588 ft.

NEW JERSEY

Hudson County
Bergen County
1972

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-L page4

- MON 4212-NORTH BERGEN, HUDSON CO. N.J. On the southwest corner of 39th. St. and Bergenline Ave., 3 inches below the surface and in a cast iron box set flush with the sidewalk; 11.92 ft. south of a cross cut on the south curb of 39th. St., 4.41 ft. west of a cross cut on the radius of curb on southeast corner of 39th. St. and Bergenline Ave.; and 4.31 ft. north of a cross cut in the west curb of Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 220.022 ft.
- HCE A-1- NORTH BERGEN, HUDSON CO. N.J. Cross cut on the north end of a concrete stop at the main entrance to a brick building, No. 1275 Bergenline Avenue, North Bergen, on the westerly line of said Avenue, 40 feet north of the northerly curb line of 40th Street.
Elevation: 213.761 ft.
- MON 4213-FAIRVIEW, BERGEN CO. N.J. On the southwest corner of Bergenline Ave. and Fairview Ave., 3 inches below the surface in a cast iron box set flush with the surface; 6.68 ft. northeast of a cross cut in the sidewalk on the west side of Bergenline Ave.; 8.59 ft. southeast of a cross cut on the same sidewalk; and 1.30 ft. west of the west edge of curb on the west side of Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 221.587 ft.
- MON 4214-FAIRVIEW, BERGEN CO. N.J. On the east side of Anderson Ave. about 150 ft. south of the south curb of Henry St., 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 5.25 ft. east of a cross cut in the east curb of Anderson Ave.; 16.17 ft. north of the northwest corner of the 3 story frame building #88 Anderson Ave.; and 28.03 ft. west of the southwest corner of the 2 story brick building #92 Anderson Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 238.491 ft.
- MON 4215-FAIRVIEW, BERGEN CO. N.J. On the southeast corner of Anderson Ave. and Walker St., 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 8.21 ft. east of a cross cut in the east curb of Anderson Ave.; 7.85 ft. south of a cross cut in the south curb of Walker St., and 27.43 ft. north of the northwest corner of a 2 story brick building #270 Walker St. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 266.803 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY

Bergen County
1938

DESCRIPTION OF BENCH MARKS

HUD-L page 5

- MON 4216-FAIRVIEW, BERGEN CO. On the northwest corner of Park Ave. and Anderson Ave., 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 7.51 ft. north of the center of a fire hydrant on the north side of Park Ave.; 12.40 ft. west of a cross cut on the west curb of Anderson Ave.; and 5.57 ft. north of a cross cut on the radius of curb on the northwest corner of Park Ave. and Anderson Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 308.100 ft.
- MON 4217-CLIFFSIDE PARK, BERGEN CO. On the northeast corner of Edgewater Rd. and Anderson Ave., set in concrete 3 inches below the surface in a cast iron box set flush with sidewalk; 5.01 ft. northeast of a cross on the radius of curb on the northeast corner of Edgewater Road and Anderson Ave. and 49.98 ft. north of the northwest corner of 3 story brick building #460 Anderson Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 303.762 ft.
- MON 4219-CLIFFSIDE PARK, BERGEN CO. On the southwest corner of Anderson Ave. and Gorge Road, 3 inches below the surface, in a cast iron box set flush with the surface; 17.45 ft. east of a cross cut in the east curb of Anderson Ave.; 17.67 ft. south of a cross cut in the east curb of Anderson Ave.; and 2.0 ft. west of a cross cut in stone retaining wall over the west side of Gorge Road. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
DESTROYED Elevation: 274.153 ft.
- MON 4220-CLIFFSIDE PARK, BERGEN CO. On the northeast corner of Lafayette Ave. and Anderson Ave., 3 inches below the surface, in a cast iron box set flush with the sidewalk; 6.82 ft. northeast of a cross cut in the north curb of Lafayette Ave.; 12.00 ft. south of a cross cut in the east curb of Anderson Ave.; and 53.88 ft. north of the northwest corner of 1 story brick building on the southeast corner of Lafayette Ave. and Anderson Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
DESTROYED Elevation: 285.918 ft.

NEW JERSEY

Bergen County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-L page 6

- MON 4221- BORO. OF FORT LEE, BERGEN CO. N.J. On the northeast corner of Anderson Ave. and Columbia Ave., set 3 inches below the surface in concrete, and in a cast iron box; 5.19 ft. east of a cross cut in the east curb of Anderson Ave.; 18.52 ft. northwest of a granite town monument, and 8.52 ft. north of a cross cut on corner of catch basin in the north curb line of Columbia Ave. A standard U.S.C.&G.S.&S.S. disk.
Elevation: 261.208 ft.
- MON 4222- BORO. OF FORT LEE, BERGEN CO. On the southwest corner of Central Blvd. and Anderson Ave., set 3 inches below the surface in concrete and in a cast iron box set flush with the surface; 6.25 ft. east of a cross cut in the sidewalk; on the west side of Anderson Ave.; 6.55 ft. south of a cross cut in the same sidewalk and 2.15 ft. west of the face of the west curb of Anderson Ave. A standard U.S.C.&G.S.&S.S. disk.
Elevation: 271.831 ft.
- MON 4223- BORO. OF FORT LEE, BERGEN CO. N.J. On the west side of Anderson Ave. directly opposite the intersection of Mackay Drive, set 3 inches below surface in concrete and in a cast iron box set flush with the surface on the west side of Anderson Ave.; 6.37 ft. west of a cross cut in the west curb of Anderson Ave.; 5.97 ft. south of a cross cut in the same curb, and 2.08 ft. west of the face of curb on the west side of Anderson Ave. A standard U.S.C.&G.S.&S.S. disk.
Elevation: 306.618 ft.
- MON 4224- BORO. OF FORT LEE, BERGEN CO. N.J. On the west side of Anderson Ave. about 110 ft. south of the south curb of Blocum Way extended, set in concrete 3 inches below the surface and in a cast iron box set flush with the surface; 8.24 ft. west of a cross cut in the west curb of Anderson Ave.; 8.95 ft. north of a cross cut in the same curb; and 17.40 ft. northwest of a cross cut on the rim of a manhole in the center of Anderson Ave. A standard U.S.C.&G.S.&S.S. disk.
Elevation: 332.176 ft.
- MON 4225- BORO. OF FORT LEE, BERGEN CO. N.J. On the southwest corner of Main Street and Anderson Ave., 3 inches below the surface in a cast iron box set flush with the sidewalk; 7.00 ft. south of a cross cut on the south curb of Main St.; 8.33 ft. north of the northeast corner of a catch basin in the west curb of Anderson Ave.; and 5.90 ft. east of the northeast corner of a 2¹/₂ story frame building #400 Main St. A standard U.S.C.&G.S.&S.S. disk, set in concrete. Elevation: 312.919 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Bergen County
1938

HUD-L, page 7

MON 889-BORO OF FORT LEE, BERGEN CO., N.J. About 78 ft. east of the centerline of Fletcher Ave., level with the curb, between the curb and the sidewalk; 49.11 ft. southeast of the southeast corner of the brick building occupied by the Beyer Bros. Auto Accessory store on the northeast corner of Main St.; and Fletcher Ave.; 42.82 ft. south of the south west corner of brick building #453-455 on the north side of Main St.; and 17.78 ft. northwest of the northwest corner of a concrete building occupied by the Main St. Garage. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 289.671 ft.

MON 888-BORO OF FORT LEE, BERGEN CO., N.J. On the south side of Main St. and about 217 ft. east of the intersection of the centerline of Jena Road and the south curb of Main St., level with the curb, between the curb and sidewalk; 45.77 ft. south of the southwest corner of a brick building #525 on the north side of Main St. occupied by Saumann's Pharmacy; 33.00 ft. southwest of the southeast corner of the above mentioned building; 21.83 ft. northwest of a chiseled cross on the top of a three foot concrete wall on the west side of a driveway to house #560 on the south side of Main St. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 307.714 ft.

PT 1401-FORT LEE BOROUGH, BERGEN COUNTY, N.J. Under a State Highway Department monument cover in the centerline of the George Washington Bridge Approach Plaza of State Highway Route 4 & 5, (No. 1401 stamped on frame of said cover,) about 173 ft. east of the centerline of Linwood Ave. A cross cut in brass plug, set in concrete.
Elevation: 291.945 ft.

MON 1400-FORT LEE, BERGEN COUNTY. On the south side of Rte. 4, about 78.80 feet west of the centerline of Lemoine Avenue, about 138.00 feet south of the centerline of Route 4; 4.48 ft. north of face of curb, on the sidewalk and level with the ground. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1400" and set in concrete.
Elevation: 298.586 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY

Hudson County
Bergen County
1938

DESCRIPTION OF BENCH MARKS

HUD-L Page 8

SPUR RUN FROM MON. 4203 TO MK. 4204:

NJGS 167.03-UNION, CITY OF, HUDSON COUNTY. A cross on the outer corner at the southerly end of blue sandstone door sill of the main entrance to the Town Hall on Hudson Boulevard at Main Street.

DESTROYED

Elevation: 167.338 ft.

END OF SPUR RUN

SPUR RUN FROM MON. 4209 TO MK. 4210:

NJGS 244.05-GUTTENBERG, HUDSON COUNTY. On the southwest corner of the base stone, 16 inches square, on which rests the left hand column at the corner entrance to the First National Bank on the northwest corner of Bergenline Avenue and 24th Street. The point is 0.16 foot above the large door sill which forms the second step at the entrance.

DESTROYED

Elevation: 244.407 ft.

NJGS 256.87-GUTTENBERG, HUDSON COUNTY. A cross on the outer corner at the southerly end of door sill of single door entrance at the corner and on the Madison Street face of Fire House at 24th Street.

DESTROYED

Elevation: 256.217 ft.

END OF SPUR RUN

SPUR RUN FROM MON. 4213 TO RV. 1253

RV.1253- FAIRVIEW, BERGEN COUNTY. On the south side of Fairview Avenue between Grant and Lincoln Streets at two-story brick building No. 384. The rivet is about 140 feet west of the west line of Grant Street and about 130 feet east of the east line of Lincoln Street; 3.25 feet west of the east end of the aforesaid brick building and 45.86 feet south of pole 60091 FV. A standard monel metal rivet set in the top of step at front entrance.

Elevation: 218.389 ft.

END OF SPUR RUN

DESCRIPTION OF BENCH MARKS

HUD-L Page 9

SPUR RUN FROM MON. 4217 TO TRIANGULATION STATION CLIFFSIDE:

RV.9850- CLIFFSIDE PARK, BERGEN COUNTY. On the east side of Gorge Road about 60 feet south of the intersection Gorge Road and Palisade Avenue at the abutment carrying the Public Service railroad bridge over Gorge Road. The rivet is 12.50 feet east of the east curb of Gorge Road 48.90 feet south of the southeast curb of Palisade Avenue, 0.19 feet east of the west face of wall, 1.80 feet east of east face of wall, and 0.24 feet south of north face of wall.

In the first step of the north end of a stone abutment wall. A standard monel metal rivet, set in concrete.

Elevation: 248.887 ft.

MON.4218- CLIFFSIDE PARK, BERGEN COUNTY. On the north side of Edgewater Road and about 5.0 ft. west of the west property line of Cecelia Avenue, extended, 3 inches below the surface in a cast iron box set flush with the shoulder of the road; 8.04 ft. south of the center of fire hydrant on the north side of Edgewater Road; 65.07 ft. northeast of the northeast corner of two-story frame and stucco house #116 Edgewater Road; and 83.35 ft. south of the southeast corner of 2 $\frac{1}{2}$ story stucco house #115 Edgewater Road. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 256.214 ft.

CLIFFSIDE-CLIFFSIDE PARK, BERGEN COUNTY. At the eastern extremity of Fox Terrace in the south curbing at the top of and near the edge of the cliff.

The station is 22.74 feet from the easterly telephone pole north of the station; 27.58 feet from the northwest corner of the stone wall east of the station, 7.61 feet from the southwest corner of the same stone wall and 2.79 feet from the end of the curbing east of the station. A standard U.S.C. & G.S. bronze station disk stamped "CLIFFSIDE--1932" cemented in a drill hole flush with the top of the concrete curbing.

Elevation: 231.389 ft.

END OF SPUR RUN

NEW JERSEY

Hudson County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-M, page 1

STARTING IN NORTH BERGEN, HUDSON CO. AT PUBLIC SCHOOL NO. 10 HUDSON BOULEVARD EAST AND BULLS FERRY ROAD (KNOWN AS PARK AVENUE, ALSO FAIRVIEW AVENUE) AND RUNNING THENCE IN A NORTHWESTERLY DIRECTION ALONG BULLS FERRY ROAD TO NO. 384 FAIRVIEW AVE., FAIRVIEW, BERGEN CO., THENCE WEST, SOUTH AND WEST TO BOULEVARD WEST AND RTE. S-1 (BERGEN BOULEVARD), NORTH BERGEN, HUDSON CO., THENCE NORTH ALONG ROUTE S-1 TO WALKER ST., FAIRVIEW, BERGEN CO., THENCE EASTERLY ALONG WALKER ST. TO ANDERSON AVENUE, STILL IN FAIRVIEW, BERGEN 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-5 NORTH BERGEN, HUDSON CO., N.J. Cross cut on the north end of the stone sill of the northerly basement window of the North Bergen Public School No. 10, on the westerly side of Hudson Boulevard East just south of the intersection of Hudson Boulevard East and Bulls Ferry Road, North Bergen. This cut is 0.33 feet south of the north end of the sill and 0.07 feet west of the east face of the same. Hudson County Engineer's B.M.
Elevation: 197.117 ft.

MON 4233-NORTH BERGEN, HUDSON CO. N.J. On the southwesterly side of Park Ave. about 168 ft. northwesterly from the centerline of a lane called Wall St., about 206 ft. southeast of the southeast side of house 1248 Park Ave. and 1.27 ft. southwest of the face of the curb, set in concrete, level with the ground; 36.19 ft. southwest of a cross cut on rim of manhole on the northeast side of road; 7.48 ft. south of northerly crosscut on curb; 7.98 ft. northwesterly of southerly cross cut on curb. A standard N.J.G.C.S. disk.
Elevation: 185.082 ft.

RV 1254- NORTH BERGEN, HUDSON CO., N.J. In the northwest corner of 1st. concrete step of Lakeview apartment house, known as 1248-1250, 0.50 ft. east of west edge of step; 15.35 ft. northeast of P.S. Pole 608152; 11.22 ft. north of north curb line Fairview Ave. A standard monel rivet.
Elevation: 194.624 ft.

NEW JERSEY

Hudson County
Bergen County
1938

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-M, page 2

- A-11 NORTH BERGEN, HUDSON CO., N.J. Cross cut on the top of the stone pier between the curb line and the path on the west side of the Hudson County Park Entrance at Palisade Avenue and Bulls Ferry Road, North Bergen. This cut is 0.65 feet east of the west face of the pier and 0.45 feet south of the north face of the same. Hudson County Engineer's B.M.
Elevation: 211.476 ft.
- MON 4234-NORTH BERGEN, HUDSON CO., N.J. On the southwesterly side of Park Ave., opposite Barr Place, and 8.65 ft. southwest of the face of the curb, level with the ground; 22.79 ft. southwest of a cross cut on rim of manhole in center of Park Ave.; 17.99 ft. south of northerly cross cut on curb; 17.62 ft. northwest of southerly cross cut on curb. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 218.646 ft.
- MON 4213-FAIRVIEW, BERGEN CO., N.J. In a cast iron box set flush with the surface, on the southwest corner of Bergenline Ave. and Fairview Ave., 3" below surface; 6.68 ft. northeast of a cross cut in the sidewalk on the west side of Bergenline Ave.; 8.59 ft. southeast of cross cut on same sidewalk, and 1.30 ft. west of the west edge of curb on west side of Bergenline Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 221.587 ft.
- RV 1253- FAIRVIEW, BERGEN COUNTY, N.J. On the south side of Fairview Ave. between Grant and Lincoln Streets at 2-story brick building No. 384. The rivet is about 140 feet west of the west line of Grant Street and about 130 feet east of the east line of Lincoln Street; 3.25 feet west of the east end of the aforesaid brick building and 45.85 feet south of post 80091 FT. A standard monel metal rivet set in the top of step at front entrance.
Elevation: 218.389 ft.
- MON 4235-NORTH BERGEN, HUDSON CO. N.J. On the northeasterly corner of Blvd. West and Rte. 3-1, (Bergen Blvd.), level with the ground; 42.15 ft. north of face of curb of Blvd. West; 8.40 ft. east of face of curb of S.H. Rte. 3-1; 8.21 ft. west of the southwest corner of Ponciana Apartments; 10.61 ft. northeast of the southerly cross cut on curb; and 11.33 ft. southeast of northerly cross cut on curb. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 214.120 ft.

GEODETIC CONTROL SURVEY

DESCRIPTION OF BENCH MARKS

HUD-M, page 3

MON 4236-FAIRVIEW, BERGEN CO., N.J. On the west side of Rte. S-1 (Bergen Blvd.), opposite Fairview Public School 1, inside of a cast iron box, the top cover of which is level with pavement; 2.25 ft. west of cross cut in concrete pavement of Rte. S-1; 42.55 ft. northwest of cross cut in curb of catch basin on east side of road; 23.55 ft. east of cross cut in curb at catch basin on westerly side of road; 178.0 ft. northeast of curb angle iron on west side of road; and 11.80 ft. west of centerline of Rte. S-1. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 209.564 ft.

MON 4237-FAIRVIEW, BERGEN CO., N.J. On the westerly side of Rte. S-1 (Bergen Blvd.), opposite Walker St. and about 4.0 ft. south of the southerly side of the "Little Inn", 307 Bergen Blvd, level with the ground; 34.24 ft. northwest of southerly cross cut in concrete pavement of Rte. 1; 29.83 ft. west of the northerly cross cut in concrete pavement; 21.65 ft. southwest of cross cut on manhole on westerly side of Rte. S-1; and 40.12 ft. west of the centerline of Rte. S-1. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 266.073 ft.

MON 4215-FAIRVIEW, BERGEN CO., N.J. On the southeast corner of Anderson Ave. and Walker St, set in concrete, 3 inches below the surface, and in a cast iron box set flush with the sidewalk; 8.21 ft. east of a cross cut in the east curb of Anderson Ave.; 7.87 ft. south of a cross cut in the south curb of Walker St., and 27.43 ft. north of the northwest corner of a 2 story brick building 270 Walker St. A standard U.S.C.&G.S.&S.S. disk.

Elevation: 266.803 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-N page 1

STARTING IN HOBOKEN, HUDSON COUNTY, AT NEWARK STREET AND WILLOW AVENUE AND RUNNING THENCE WEST ALONG NEWARK STREET AND HOBOKEN AVENUE TO THE SOUTH END OF OGDEN AVENUE, JERSEY CITY, SAME COUNTY, THENCE NORTH ALONG OGDEN AVENUE TO FRANKLIN STREET, THENCE WEST ALONG FRANKLIN STREET TO CENTRAL AVENUE, THENCE SOUTH ALONG CENTRAL AVENUE TO BOORAM AVENUE, THENCE WEST ALONG CARLETON AVENUE TO TONNELLE AVENUE (STATE HIGHWAY ROUTE NO. 1), THENCE SOUTH ALONG TONNELLE AVENUE (S.H. RTE. No.1) ABOUT 175 FT., THENCE NORTH ALONG SAID TONNELLE AVENUE TO A POINT BETWEEN MANHATTAN AVENUE AND COUNTY ROAD, STILL IN JERSEY CITY, SAME 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.

- MON. 1151 - HOBOKEN, HUDSON CO. 10.82 ft. south of a cross cut in the south curb of Newark St.; 11.75 ft. east of a cross cut in the east curb of Willow Ave.; 16.65 ft. east of pole No. PSR 7; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1151" and set in concrete.
Elevation: 4.459 ft.
- MON. 7238 - HOBOKEN, HUDSON CO. On the north side of Newark Ave.; 144 ft. east of centerline of Monroe St., and about on the line of the east curb of Grove St., extended; 12.95 ft. southwest of the southeast corner of Seaboard Marine Repair Co. bldg.; 13.69 ft. northwest of a cross cut in the curb; and 6.51 ft. north of a cross cut in the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below surface of sidewalk in a cast iron box, flush with surface of sidewalk.
Elevation: 5.500 ft.
- MON. 1158 - JERSEY CITY, HUDSON CO. On the south side of Hoboken Ave., 106.5 ft. west of the west curb of Jersey Ave.; north of a railroad siding; 70.0 ft. south of a cross cut in the top of the west end of the west wing wall of the D.L. &W.R.R. bridge; and level with the pavement. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1158" and set in concrete.
Elevation: 6.108 ft.

NEW JERSEY

GEODETTIC CONTROL SURVEY
DESCRIPTION OF MONUMENTSHudson County
1939

HUD-N page 2

- MON. 1159 - JERSEY CITY, HUDSON CO. 8.14 ft. south of a cross cut in the south curb of Hoboken Ave.; 113.67 ft. east of the east curb of Hoboken Ave. around a bend to the south; west of Mon. 1158; 21.16 ft. southeast of pole No. 6286 J.C.; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1159" and set in concrete.
Elevation: 11,748 ft.
- MON. 1160 - JERSEY CITY, HUDSON CO. South of the south (dead) end of Ogden Ave.; 51.52 ft. southwest of the southwest corner of a 4-story brick apartment building on the east side of Ogden Ave.; 68.19 ft. southeast of the southeast corner of a concrete garage; and 1" lower than grade. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1160" and set in concrete.
Elevation: 106,233 ft.
- MON. 1202 - JERSEY CITY, HUDSON CO. On the southeast corner of Franklin St. and Ogden Ave.; 12.36 ft. north of the north west corner of Grandview Hall. A standard U.S.C.&G.S.&S.S. bronze disk, stamped "1202", and set in concrete, level with the sidewalk.
Elevation: 108,075 ft.
- MON. 1161 - JERSEY CITY, HUDSON CO. 7.31 ft. east of a cross cut in the east curb of Central Ave.; south of Booram Ave.; 36.65 feet north of the southwest corner and 20.84 ft. west of the northwest corner of a 4-story brick bldg.; and level with the sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1161" and set in concrete.
Elevation: 120,107 ft.
- MON. 1162 - JERSEY CITY, HUDSON CO. On the east side of Summit Ave. across from the south side of Carlton Ave., west of an entrance to Pershing Field; 3.62 ft. east of a cross cut in the curb; 13.45 ft. north of a cross cut in the west face of the south gate post; 4.97 ft. west of a cross cut in the west face of the north gate post; and level with the concrete sidewalk. A standard U.S.C.&G.S.&S.S. bronze disk stamped "1162" and set in concrete.
Elevation: 128,252 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-N page 3

- MON. 1101 - JERSEY CITY, HUDSON CO. On Tonnelle Ave., (St. Hwy. Rte. #1); located on the west side of the Ave. 175.0 ft. south of the prolonged centerline of Carlton Ave.; 5.92 ft. to face of curb; and 85.74 ft. northeast of a cross cut on the northeast concrete base of #415 Tonnelle Ave. A standard U.S.C.&G.S.&S.S. disk, set in concrete, and set flush with the curb.
Elevation: 36.112 ft.
- H-21 - JERSEY CITY, HUDSON CO. Square cut on the concrete doorsill at the most northerly entrance to a garage No. 486 and 488 Tonnelle Ave.; on the east side of State Hwy. Rte. No. 1 (Tonnelle Avenue) between Manhattan Ave. and County Rd., Jersey City. The cut is 1.43 ft. south of the north end of the sill.
Elevation: 25.259 ft.

NEW JERSEY

Hudson County

GEODETTIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-0 page 1

STARTING IN THE TOWN OF KEARNY, HUDSON COUNTY, AT HARRISON AND SCHUYLER AVENUES, AND RUNNING THENCE EAST ALONG THE JERSEY CITY-NEWARK TURNPIKE TO THE BELLEVILLE TURNPIKE STILL IN THE TOWN OF KEARNY, HUDSON 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 GEODETTIC SURVEY.

FON. 1288 - TOWN OF KEARNY, HUDSON CO. On the south side of Harrison Ave. on the easterly curb line, produced, of Schuyler Ave.; 3.76 ft. northeast of a corner of a frame building 819 Harrison Ave.; 72.24 ft. northwest of a brick building; and 82.17 ft. northwest of a concrete block building belonging to a Texaco Gas Station. A standard U.S.C. & G.S. & S.S. disk, set in concrete, flush with the cement sidewalk.

Elevation: 10.079 ft.

FON. 4272 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Turnpike, about 22.0 ft. east of the centerline of Greenfield Ave.; 15.43 ft. southeast of pole PS-969-R; 28.0 ft. southwest of steel pole PS-153; 15.35 ft. south east of a cross cut; 8.28 ft. south of a cross cut, and 17.20 ft. southwest of a cross cut, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, inside a cast iron box, the cover of which is level with the ground.

Elevation: 4.874 ft.

M-82 - A bronze bracket located on the southerly side of the north concrete abutment of the Delaware, Lackawana, & Western, Freight Railroad Bridge over Harrison Ave., Kearny, N.J.; 28.00 ft. east of the west end of the abutment and 1.00 ft. above the ground.

Elevation: 7.376 ft.

FON. 4273 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about 21.0 ft. east of prolonged centerline of Eergen Ave. and at the Newark Stock Yards; 10.32 ft. southeast of steel pole PS-177; 12.03 ft. north of the northwest corner of office of Stock Yards; 11.97 ft. southeast of, 8.13 ft. south of, and 13.47 ft. southwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.

Elevation: 5.960 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1959

DESCRIPTION OF BENCH MARKS

HUD-0 page 2

- MON. 4274 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke, about 287.0 ft. west of the Midway Service Station; 54.0 ft. southeast of pole PS-999-K; 83.55 ft. southwest of pole PS-981-K; 15.93 ft. southeast of, 3.84 ft. south of, and 15.59 ft. southwest of three cross cuts all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below the ground, inside a cast iron box, the cover of which is level with the ground.
Elevation: 6.962 ft.
- MON. 4275 - KEARNY, HUDSON CO. On the north side of the Jersey City-Newark Tpke, and about 100 ft. west of "Dead Man's Curve" 2.95 ft. east of the southeast corner of a concrete block 41.48 ft. west of pole PS-90044-K; 75.60 ft. northeast of pole PS-90043-K; 10.94 ft. northeast of cross cut, 1.94 ft. north of, and 11.98 ft. northwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, inside a cast iron box, the cover of which is level with the ground.
Elevation: 6.700 ft.
- MON. 4276 - KEARNY, HUDSON CO. On the north side of the Jersey City-Newark Tpke., about 600 ft. east of "Dead Man's Curve"; 14.80 ft. east of PS pole 90055-K; 117.90 ft. west of pole PS-90056-K; 13.32 ft. northeast of, 1.52 ft. north-east of, and 12.85 ft. northwest of three cross cuts on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 5.950 ft.
- K-38 - Copper plug in a concrete monument about 4.00 ft. north of the north curb line of the Newark Tpke., Kearny on line with the High Tension Towers of the Public Service north of the Belleville Tpke. between Poles 90060 K and 90059 K on the Newark Tpke.
Elevation: 7.284 ft.
- MON. 4277 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about 1800 ft. east of "Dead Man's Curve"; 75.80 ft. southeast of pole PS-1017-K; 48.45 ft. west of pole PS-1018-K; 15.09 ft. southeast of cross cut, 15.25 ft. southwest of, and 3.43 ft. south of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is level with the ground.
Elevation: 7.418 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-0 page 3

- MON. 4278 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about 3000 ft. east of "Dead Man's Curve"; 39.15 ft. southeast of pole PS-1027-K; 103.20 ft. west of pole PS-1028-K; 18.49 ft. southeast of, 4.36 ft. south of, and 14.93 ft. southwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the ground.
Elevation: 6.090 ft.
- MON. 4279 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about 50 ft. east of the Penna. RR Bridge; 28.60 ft. west of pole PS-1039-K; 35.56 ft. east of northeast corner of RR abutment; 35.92 ft. northeast of east corner of same abutment; 16.49 ft. southeast of, 3.81 ft. south of, and 12.90 ft. southwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the ground.
Elevation: 2.376 ft.
- MON. 4280 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about $\frac{1}{2}$ mile westerly from its intersection with the Belleville Tpke.; 77.95 ft. southeast of pole PS-1048-K; 38.58 ft. west of pole PS-1049-K; 14.78 ft. south of, 4.43 ft. southwest of, and 16.66 ft. southwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the ground.
Elevation: 5.846 ft.
- MON. 4281 - KEARNY, HUDSON CO. On the south side of the Jersey City-Newark Tpke., about 1100 ft. west of its intersection with Belleville Tpke.; 64.45 ft. southeast of pole PS-1058-K; 60.52 ft. west of pole PS-1059-K; 14.51 ft. southeast of, 313 ft. south of, and 15.24 ft. southwest of three cross cuts, all on the curb. A standard N.J.G.C.S. disk, set in concrete, 8" below ground, in a cast iron box, the cover of which is flush with the ground.
Elevation: 7.064 ft.
- MON. 1284 - KEARNY, HUDSON CO. 2.29 ft. northeast of the coping along the north edge of the roadway at the intersection of the Belleville and Harrison Tpkcs.; 3.79 ft. south of the south corner of a concrete wall; 2.58 ft. west of the base of a traffic light standard; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 26.892 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-P, page 1

STARTING IN SECAUCUS HUDSON COUNTY, AT STATE HIGHWAY ROUTE 3 AND PATERSON PLANK ROAD AND RUNNING THENCE SOUTHEAST ALONG PATERSON PLANK ROAD TO COUNTY AVE., THENCE SOUTHWEST ALONG COUNTY AVE. TO ITS INTERSECTION WITH NEW COUNTY ROAD AND COUNTY ROAD, SAME LOCALITY, THENCE SOUTH ALONG COUNTY ROAD TO STATE HIGHWAY ROUTE #1 (TONNELLE AVE.), JERSEY CITY, SAME COUNTY; AND AN INTERMEDIATE RUN STARTING IN SECAUCUS, SAME COUNTY AT THE INTERSECTION OF COUNTY AVE., NEW COUNTY ROAD AND COUNTY ROAD AND RUNNING THENCE WEST ALONG NEW COUNTY ROAD TO THE HUDSON CO. CONTAGIOUS DISEASE HOSPITAL AT "LAUREL HILL", SAME LOCALITY.

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. 1275-SECAUCUS, HUDSON CO. On the southwest corner of Route #3 and the Paterson Plank Road, 123 ft. east of intersection corner; 9.06 ft. south of south curb of Plank Rd.; 36.14 ft. southwest of P.S. pole Cr 308 A; 31.37 ft. southeast of P.S. pole 59308 SC. A standard U.S.C. & G.S. & S.S. disk, set in concrete, stamped "1275".
Elevation: 10.292 ft.

MON. 4240-SECAUCUS, HUDSON CO. On the east side of County Ave., about 63 ft. south of the centerline of Browns Lane, in an iron box, the cover of which is level with the ground surface; 57.53 ft. west of the northwest corner of Lincoln School; 23.77 ft. southwest of the southwest corner of flag pole base; 14.18 ft. northwest of the southerly cross cut; 9.89 ft. west of the northerly cross cut, both in sidewalk. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 66.031 ft.

HCE L-17- SECAUCUS, HUDSON CO. On the westerly side of LINCOLN PUBLIC SCHOOL BUILDING, situated on the east side of County Ave., located on the brick wall; 27.75 ft. north of main entrance and 2.00 ft. above the Lawn level. A bronze bracket.
Elevation: 68.895 ft.

NEW JERSEY

Hudson County
1939

GEODETTIC CONTROL SURVEY

HUD-P, page 2

DESCRIPTION OF BENCH MARKS

- MON. 4241- SECAUCUS, HUDSON CO. N.J. On the west side of County Ave., on the grounds of the Hudson Co. Institution for Mental Diseases, in an iron box, the cover of which is level with the ground surface, about 10 ft. west of concrete sidewalk; 19.39 ft. west of face of curb; 73.16 ft. northwest of pole PS-219-SE; 32.88 ft. southwest of tack pole PS-218-SC; 13.46 ft. northwest of southerly cross cut in sidewalk; 8.96 ft. west of middle cross cut; and 12.78 ft. southwest of northerly cross cut, all on sidewalk. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 60.259 ft.
- MON. 4242- SECAUCUS, HUDSON CO. N.J. On the northwest side of County Ave. opposite Secaucus Road, in an iron box, the cover of which is level with the ground; 39.83 ft. northeast of a pole; 58.16 ft. southwest of pole PS-229-SC; 5.97 ft. northwest of southerly cross cut on curb; 2.51 ft. west of middle cross cut, and 5.35 ft. southwest of northerly cross cut, all in curb. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 48.831 ft.
- MON. 4243- SECAUCUS, HUDSON CO., N.J. On the southeast side of County Ave., in an iron box, the cover of which is level with the ground surface; 55.0 ft. southwest of pole BT-332-SC; 47.06 ft. east of pole PS-243-SC; 19.80 ft. southeast of the centerline of Ave.; and 20.87 ft. southwest of projected line of south end of house 373 Co. Ave. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 52.367 ft.
- HCE L-15- SECAUCUS, HUDSON CO. N.J. On the westerly side of fire house building, situated on the east side of County Ave. near Lincoln Place, 16 ft. south of the main entrance and 1.58 ft. above the sidewalk, on the stone wall. A bronze bracket.
Elevation: 43.727 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-P, page 3

- MON. 4244- SECAUCUS, HUDSON CO. N.J. On the northwest side of County Ave., 92.50 ft. northeast of the centerline of Wiegands Lane, in an iron box, the cover of which is level with the ground surface; 56.20 ft. southwest of pole PS-255-SC; 22.79 ft. northeast of pole PS-256-SC; 27.18 ft. northwest of the centerline of Ave.; 50.96 ft. northwest of southwest corner of northerly gas pump on east side of road. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 39.605 ft.
- MON. 4245- SECAUCUS, HUDSON CO. N.J. On the northwest side of County Ave. in an iron box, the cover of which is level with the ground surface; 40.76 ft. northeast of pole PS-269-SC; 17.11 ft. east of the south corner of building 151 Co. Ave.; 20.50 ft. northwest of centerline of Ave. 28.10 south of south corner of house 153 Co. Ave. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 15.345 ft.
- MON. 4246- SECAUCUS, HUDSON CO. N.J. At the intersection of County Ave., New County Road, and County Road, 8 inches below ground, in an iron box, 35.90 ft. west of pole BT-359-SC; 48.50 ft. southwest of pole BT-358-SC; 38.02 ft. southeast of a cross cut on a manhole; and 77.67 ft. southeast of the northwest corner of perch of Harms Tavern. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 6.797 ft.
- MON. 4249- JERSEY CITY, HUDSON CO. N.J. On the west side of County Road, in an iron box, the cover of which is level with the ground surface; 16.55 ft. west of the centerline of the road; 25.54 ft. northwest of pole 61952-JC; 78.69 ft. southeast of the southeast corner of a manhole; 88.27 ft. southwest of the southwest corner of another manhole; and 144.70 ft. southeast of the southern end of concrete culvert over Penhorn Creek. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 7.546 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-P, page 4

MON. 4250-JERSEY CITY, HUDSON CO. N.J. On the southwest side of County Road, in an iron box the cover of which is flush with the ground; 17.55 ft. southwest of the centerline of road; 75.95 ft. southeast of pole 61943-SC; 46.95 ft. northwest of pole 61892-JC; 80.86 ft. north of the northeast corner of Erie workshop; and 1.35 ft. southwest of the southwest corner of a concrete post. A standard N.J. G.C.S. disk, set in concrete.
Elevation: 8.884 ft.

K-21 - JERSEY CITY, HUDSON CO. N.J. On the north face of the concrete base of the air brake testing machine in the Croxton yard of the Erie Railroad north of the test tracks, situated on the south side of County Ave.; 0.50 ft. west of northeast corner of base and 1.76 ft. above ground. A bronze bracket.
Elevation: 7.518 ft.

MON. 4251-JERSEY CITY, HUDSON CO. N.J. On the southwest side of County Road, in an iron box the cover of which is flush with the ground; 17.80 ft. southwest of the road centerline; 1.80 ft. northwest of the southwest corner of concrete post; 4.26 ft. southeast of pole 61509-JC. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 7.795 ft.

RV 1222 - JERSEY CITY, HUDSON COUNTY, N.J. On the west side of Route 1 (Tonnelles Avenues), at the north west corner of its intersection with County Road, in the west corner of the first doorsill west of Route 1. A standard monel rivet.
Elevation: 18.269 ft.

INTERMEDIATE RUN FROM MON. 4246 TO HCE K-15:

MON. 4247-SECAUCUS, HUDSON CO. N.J. On the north side of New County Road, in an iron box, the cover of which is level with the surface of the road, east of the D.L.&W. RR roundhouse; 18.89 ft. east of pole PS-1238-SC; 104.72 ft. west of pole PS-1237-SC; 15.02 ft. northeast of westerly cross cut; 16.29 ft. northwest of easterly cross cut; and 16.97 ft. north west of centerline of Road. A standard N.J.G.C.S. disk, set in concrete.
Elevation: 9.236 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-P, page 5

MON 4248-SECAUCUS, HUDSON CO. N.J. On the southeast side of New County Road, in an iron box, the cover of which is level with the ground surface; 13.0 ft. northeast of pole 60065-SC; 47.10 ft. South of cross cut in sidewalk; 11.14 ft. east of cross cut in sidewalk; 32.75 ft. southeast of centerline of road. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 5.963 ft.

MON 4252-SECAUCUS, HUDSON CO. N.J. On the property of the Hudson Co. Isolation Hospital, in an iron box, the cover of which is flush with the ground; 49.39 ft. southeast of the east corner of the hospital; 2.96 ft. east of the north corner of concrete wall leading from power house; 19.39 ft. northwest of the north corner of brick power house. A standard N.J.G.C.S. disk, set in concrete.

Elevation: 38.470 ft.

HCE K-13-SECAUCUS, HUDSON CO. N.J. On the brick wall on the easterly side of the Hudson County Contagious Disease Hospital, situated at Laurel Hill; 2.20 ft. south of the northeast corner of the building and 2.70 ft. above the sidewalk. A bronze bracket.

Elevation: 45.287 ft.

NEW JERSEY

GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-Q page 1

STARTING IN KEARNY, HUDSON COUNTY, ON THE HARRISON TURNPIKE ABOUT 250 FT. WEST OF APPROACH TO THE WITTPENN BRIDGE OVER THE HACKENSACK RIVER, AND RUNNING THENCE WEST ALONG FISH HOUSE ROAD AND PENNSYLVANIA AVENUE TO CENTRAL AVENUE, "SOUTH KEARNY," SAME COUNTY, THENCE SOUTH ALONG CENTRAL AVENUE TO COMMUNIPAW AVENUE, THENCE EAST ALONG COMMUNIPAW AVENUE ABOUT 850 FT., STILL IN "SOUTH KEARNY", SAME 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.

- MON. 1226 - KEARNY, HUDSON CO. 1.57 ft. north of the north curb of the Harrison Tpke., about 250. ft. west of the approach to the WittPenn Bridge over the Hackensack River; 58.26 ft. east of pole #PS-70; and level with grade. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 6.526 ft.
- MON. 7209 - SOUTH KEARNY, HUDSON CO. On the centerline of Fish-House Rd., about 875 ft. southwest of the intersection of Newark-Harrison Tpke. and Fish-House Rd.; 38.83 ft. southeast of cross of nails in PS Pole "G"; 149.68 ft. southwest of cross cut on southwest corner (about 4.5 ft. above ground surface) of west abutment wall of Penna. RR Bridge over Fish House Rd.; 36.83 ft. southwest of nail in south face P.S. Pole #3889 K; 10.18 ft. northwest of cross cut in southeast edge of pavement. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in cast iron box, flush with surface of concrete pavement.
Elevation: 5.378 ft.
- MON. 7210 - SOUTH KEARNY, HUDSON CO. In the north shoulder of Fish House Rd., 1592.50 ft. (about) southwest of the intersection of Newark-Harrison Tpke. and Fish House Road; 107.05 ft. southwest of cross cut, about 4.0 ft. above surface, on concrete pier foundation carrying Penna. RR (Hudson & Manhattan); 99.14 ft. southeast of cross cut (about 4.0 ft. above surface) on concrete pier foundation; 1.93 ft. north of cross cut in edge of concrete pavement. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in cast iron box, flush with surface of shoulder.
Elevation: 5.962 ft.

NEW JERSEY
GEODETIC CONTROL SURVEY
DESCRIPTION OF BENCH MARKS

Hudson County
1939

HUD-Q page 2

- MON. 7211 - SOUTH KEARNY, HUDSON CO. On the centerline of Fish House Road, 2678.8 (about) ft. southwest of the intersection of Newark-Harrison Tpke. and Fish House Rd.; 209.50 ft. west of cross cut in concrete foundation wall of P.S. steel tower #F1306; 39.89 ft. southwest of P.S. Pole #3093K; 11.97 ft. north of cross cut in south edge of concrete pavement. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in cast iron box, flush with concrete pavement.
Elevation: 7.467 ft.
- MON. 7212 - SOUTH KEARNY, HUDSON CO. In the southeast shoulder of Fish House Rd., 1066.8 (about) ft. southeast of P.S. steel tower #F1306. (tower is 2466.80 (about) ft. southeast of the intersection of Newark-Harrison Tpke. and Fish House Rd.); 107.18 ft. southeast of cross cut on southeast corner of concrete foundation of P.S. steel tower #E1306; 10.40 ft. southwest of cross cut in edge of concrete pavement at right angle to Men.; 49.19 ft. northeast of top of fire hydrant at northeast corner of Public Service Power Plant Yard. A standard N.J.G.C.S. disk, set in concrete, 8" below grade in cast iron box, flush with cinder shoulder.
Elevation: 8.721 ft.
- HUDSON COUNTY MON. "D"-SOUTH KEARNY, HUDSON CO. In filled meadow land on north side of Penna. Ave. (cent. of Fish House Rd.) 1557. ft. (about) northeast of the centerline of Central Ave.; 30.70 ft. north of north edge of concrete pavement; 80.0 ft. north of cyclone fence on north property line of Public Service Power House Yard; 13.60 ft. north of tack in west face of P.S. Pole #(no number); 117. ft. northwest of nail in P.S. Pole #2783K; 199.25 ft. northeast of top of fire hydrant. A copper pin in top of concrete posts (set on top of driven pile), 8" below grade in cast iron box, flush with surface.
Elevation: 6.806 ft.
- MON. 7213 - SOUTH KEARNY, HUDSON CO. On the intersection of centerline of Central and Penna. Ave., produced; 13.20 ft. north of edge of concrete pavement; 63.18 ft. west of cross cut of west rail of r.r. spur line running parallel to Central Ave. (2.40 ft. north of edge of pavement); 72.88 ft. northwest of cross cut in west rail of r.r. spur line running parallel to Central Ave.; cross cut is 45.0 ft. south of point of intersection of rail and edge of concrete pavement; 25.73 ft. northwest of cross cut in rim of manhole. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of shoulder of rd.
Elevation: 8.209 ft.

NEW JERSEY

Hudson County
1939

GEODETIC CONTROL SURVEY

HUD-Q page 3

DESCRIPTION OF BENCH MARKS

MON. 7214 - SOUTH KEARNY, HUDSON CO. On centerline of Central Ave., 1749. (about) ft. north of south curbline of Newark-Har-risen Tpke.; 49.35 ft. east of cross cut in northeast corner of southwest concrete column base of ramp to Pu-laski Skway. over Central Ave.; 50.26 ft. southeast of cross cut in southeast corner of northwest concrete col-umn base of same ramp; 95.87 ft. west of cross cut in northwest corner of southeast column base of same ramp to Pulaski Skway. over Central Ave.; cut in on northwest corner of column. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of pavement.

Elevation: 9.189 ft.

MON. 1114 - KEARNY, HUDSON CO. On the south side of Raymond Blvd. (Lincoln Hwy.) about 18 ft. east of the west wall (pro-duced) of the brick office building of the Federal Shipyard Co.; 4.82 ft. south of a cross cut in the curb, 4.86 ft. north of a cross cut in the footing of a con-crete wall; and level with the curb. A standard U.S.C. & G.S. & S.S. disk, set in concrete.

Elevation: 9.695 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1939

DESCRIPTION OF BENCH MARKS

HUD-R page 1

STARTING IN JERSEY CITY, HUDSON COUNTY, AT HUDSON BOULEVARD AND BARTHOLDI AVENUE, AND RUNNING THENCE NORTHEAST ALONG HUDSON BOULEVARD TO DANFORTH AVENUE, THENCE NORTHWEST ALONG DANFORTH AVENUE TO WEST SIDE AVENUE (STATE HIGHWAY ROUTE NO. 1), THENCE NORTHEAST ALONG STATE HIGHWAY ROUTE NO. 1 TO COMMUNIPAW AVENUE, THENCE WEST ALONG COMMUNIPAW AVENUE ABOUT 200 FT., STILL IN JERSEY CITY, HUDSON 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. 1910 - JERSEY CITY, HUDSON CO. On an island in the center of Hudson Blvd. just south of Bartholdi Ave., in the concrete base of lamp post H-395; 28.70 ft. west of the face of the east curb of Hudson Blvd.; 0.30 ft. south of lamp post. A standard monel metal rivet.
Elevation: 45.134 ft.
- MON. 4291 - JERSEY CITY, HUDSON CO. On the west corner of Hudson Co. Blvd. and Danforth Ave.; 8.61 ft. west of cross cut in curb return; 8.07 ft. southwest of cross cut in curb; 8.52 ft. south of south face of Pole P.S. 61830JC; 11.83 ft. east of east corner of 1-story bldg. #1731. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of concrete sidewalk.
Elevation: 60.838 ft.
- MON. 4292 - JERSEY CITY, HUDSON CO. On the southwest side of Danforth Ave. in south angle of private right of way entrance to the Wilson & Bennet Plant; 33.27 ft. southeast of corner of apt. house #355; 29.14 ft. northeast of north corner of 1-story frame house #349; 28.0 ft. southwest of centerline of Danforth Ave.; 4.83 ft. southeast of cross cut on southeast edge of private right of way. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of concrete sidewalk.
Elevation: 18.374 ft.
- MON. 4293 - JERSEY CITY, HUDSON CO. On the south corner of Danforth Ave. and Rte. #1; 10.14 ft. west of, 7.54 ft. southwest of, 12.20 ft. south of three cross cuts, all in curb; 28.0 ft. southwest of centerline of Danforth Ave.; 12.35 ft. northeast of cross cut in west rail of R.R. spur on southeast side of Rte. #1; 9.88 ft. southeast of cross cut in east rail of same spur. A standard N.J.G.C.S. disk, set in concrete, 8" below surface in cast iron box, flush with surface of cinder sidewalk.
Elevation: 11.334 ft.

NEW JERSEY

Hudson County

GEODETIC CONTROL SURVEY

1959

DESCRIPTION OF BENCH MARKS

HUD-R page 2

- MON. 4294 - JERSEY CITY, HUDSON CO. In the center island of N.J.S.H. Rte. #1; 67.90 ft. south of centerline of Kellogg St., produced; 10.31 ft. east of cross cut in west curb of island; 23.82 ft. south of cross cut in north curb of island; 17.75 ft. west of cross cut in east curb of island. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 10.813 ft.
- MON. 4295 - JERSEY CITY, HUDSON CO. In the center island of N.J.S.H. Rte. #1; north of driveway to Mutual Chemical Co. of America; 25.87 ft. south of cross cut in rim of water gate box in island; 77.81 ft. east of cross cut, on the west side of Rte. #1, in concrete base of bridge carrying chemical pipe line; 86.65 ft. northeast of cross cut, in center island of Rte. #1, in concrete base of same bridge; 81.51 ft. north of cross cut, on east side of Rte. #1, in concrete base of same bridge. A standard N.J.G.C.S. disk, set in concrete, set flush with ground.
Elevation: 12.311 ft.
- MON. 4296 - JERSEY CITY, HUDSON CO. In the center island of N.J.S.H. Rte. #1; 52.0 ft. north of centerline of Fisk St., produced; 20.47 ft. east of cross cut in curved part of curb; 12.30 ft. northeast of cross cut in south curb of island; 1.63 ft. northwest of cross cut in east curb of island. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 9.621 ft.
- MON. 4297 - JERSEY CITY, HUDSON CO. In the center island of N.J.S.H. Rte. #1; 86.65 ft. north of centerline of Ege Ave., produced; 46.22 ft. northeast of cross cut in rim of water gate box in island; 56.31 ft. northwest of cross cut in eastern rail of r.r. spur; 79.57 ft. northwest of southwest corner of 1-story brick bldg. of Universal Casket Co.; 92.23 ft. west of cross cut in 9th tier of west wall of same bldg. A standard N.J.G.C.S. disk, set in concrete, flush with ground.
Elevation: 11.576 ft.
- MON. 1105 - JERSEY CITY, HUDSON CO. On the north side of Communipaw Ave. about 200 ft. west of the west curb of Rte. #1; 54.62 ft. west of a fire hydrant; 35.96 ft. northeast of a cross cut in the curb; and level with the curb. A standard U.S.C.&G.S.&S.S. disk, set in concrete.
Elevation: 7.924 ft.

FIRST ORDER LEVELING
OF
UNITED STATES COAST & GEODETIC SURVEY
DESCRIPTIONS AND ELEVATIONS
OF
BENCH MARKS
IN
THE VICINITY OF THE HUDSON-BERGEN LEVEL NET

19 (P.R.R.)--At Elizabeth, Union County, on the Pennsylvania Railroad, at the bridge over the tracks of the Central Railroad of New Jersey, in the top of the northeast corner of the east abutment, 4 feet north of the north rail, and level with the base of the rail. A copper bolt. (14.452 meters or 47.415 feet.)

N 11.--At Elizabeth, Union County, at the northeast side of the post office, 90 feet southwest of the center of Broad Street, at the front of the building, 12 feet north of the center of the south entrance, and in the top of the stone ledge, 4 feet above the ground. A standard disk, stamped "N 11 1933". (11.480 meters or 37.864 feet.)

ELIZABETH.--At Elizabeth, Union County, in the middle of a triangle formed by the intersection of Broad Street, Westminister Avenue and Prince Street, at the northeast corner of a monument, and in the top of the bottom step. A standard disk, stamped "ELIZABETH 1933". (10.114 meters or 33.182 feet.)

RV 9.--At Elizabeth, Union County, on Newark Avenue, at the intersection of Broad Street, about 200 yards north of the Winfield Scott Hotel, about 160 feet south of the Alfred Forst service station, 35 feet south of the center line of Newark Avenue, and in the south curb. A standard monel-metal rivet. (8.213 meters or 26.945 feet.)

RV 10.--At Elizabeth, Union County, on Newark Avenue, about 1000 feet southwest of the southwestern city limits of Newark, Essex County, about 100 feet north of the northern corner of Big Bear Market, 33 feet northwest of the center line of Newark Avenue, and in the top of the stone curb. A standard monel-metal rivet. (8.317 meters or 27.287 feet.)

P 11.--At Newark, Essex County, on State Highway 27, at the junction of Lowell Place and Frelinghuysen Avenue, about 800 feet southeast along Frelinghuysen Avenue from Haynes Avenue, at 646-680 Frelinghuysen Avenue, 15 feet east of the east curb line in the northwest corner of the concrete structure of the Oxweld Acetylene Corp., and 5 feet higher than the level of the curb. A standard disk, stamped "P 11 1933" and set vertically. (6.931 meters or 22.739 feet.)

12.65 (N.J.G.S.)=33 (City of Newark).--At Newark, Essex County, at the northeast corner of the intersection of Frelinghuysen Avenue and Fenwick Street, at the Fenwick Street entrance to fire department engine house 19, and on the east end of the doorsill. A chiseled cross. (3.904 meters or 12.808 feet.)

Q 11.--At Newark, Essex County, on Frelinghuysen Avenue, about 160 feet south of W. Peddie Street, about 160 feet north of Lidgerwood Place, at the Lehigh Valley Railroad overhead crossing, in the south end of the concrete pier, at the center of the avenue, and 5 feet higher than the avenue. A standard disk, stamped "Q 11 1933". (4.782 meters or 15.623 feet.)

R 11.--At Newark, Essex County, at the southwest corner of the intersection of Frelinghuysen Avenue and Concord Street, 1 block north of the Lehigh Valley Railroad overhead bridge, 16 feet west of the Frelinghuysen Avenue curb line, 15 feet south of the Concord Street curb line, in the northeast corner of a 3-story brick building owned by Lichtman & Son and built in 1906, and 5½ feet higher than the west curb. A standard disk, stamped "R 11 1933" and set vertically. (4.834 meters or 15.860 feet.)

Perth Amboy, N.J. to Port Jervis, N.Y.

S 11.--At Newark, Essex County, at the intersection of Poinier and West N.J.R.R. Streets, 1 block south of Vanderpool Street, on the east side of West N.J.R.R. Street, in the stone masonry retaining wall, and 4 feet higher than the east curb. A standard disk, stamped "S 11 1933" and set vertically. (3.997 meters or 13.113 feet.)

15 B (P.R.R.)--At Newark, Essex County, on the Pennsylvania Railroad, at the bridge over Vanderpool Street, 6 feet north of the north rail, and on the northwest bridge seat, 3 feet below the base of the rail. A chiseled square. (5.906 meters or 19.377 feet.)

15 A (P.R.R.)--At Newark, Essex County, on the Pennsylvania Railroad, at the bridge over South Street, the first bridge east of the South Street station, 5 feet north of the north rail, and on the northeast bridge seat, 3 feet below the base of the rail. A chiseled square. (8.190 meters or 26.870 feet.)

15 (P.R.R.)--At Newark, Essex County, on the Pennsylvania Railroad, at the bridge over East Kinney Street, 5 feet south of the south rail, and on the southeast bridge seat, 3 feet below the base of the rail. A chiseled square. (8.326 meters or 27.316 feet.)

84 (City of Newark)--At Newark, Essex County, about $\frac{1}{2}$ block south of the Miller Street-Pennsylvania Railroad underpass, about 108 feet east of the east building line of Broad Street, 11 feet south of the south curb of Miller Street, and on the concrete wall sill, 3 feet higher than the sidewalk. A chiseled square. (4.870 meters or 15.978 feet.)

83 (City of Newark)--At Newark, Essex County, about $\frac{1}{2}$ block west of the Miller Street-Pennsylvania Railroad underpass, 50 feet east of the Broad Street building line along Miller Street, 11 feet north of the north curb line of Miller Street, and on the top stone step of a 3-story frame building, 2 feet higher than the sidewalk. A chiseled square. (4.543 meters or 14.908 feet.)

T 11--At Newark, Essex County, at the intersection of Broad and Green Streets, 60 feet east of the east curb of Broad Street, 30 feet south of the south curb of Green Street, in the northwest corner of the city hall, and 4 feet higher than the curb. A standard disk, stamped "T 11 1933" and set vertically. (10.164 meters or 33.314 feet.)

41.68 (N.J.G.S.) = 36 (City of Newark)--At Newark, Essex County, on Broad Street, at the city hall, 19 feet south of the south edge of the south entrance, about 13.5 feet above the level of the street, 10 inches north of the junction of the south stone balustrade with the building, and on the water table. A chiseled cross. (12.808 meters or 42.021 feet.)

30.17 (C.R.R.N.J.)--At Newark, Essex County, and at the northwest corner of the intersection of William and Broad Streets. The top nut of the fire hydrant. (10.034 meters or 32.920 feet.)

31.71 (C.R.R.N.J.)--At Newark, Essex County, and at the southeast corner of the intersection of Broad and Edison Place. The top nut of the high-pressure hydrant. (10.632 meters or 34.882 feet.)

31.75 (C. R. R. N.J.).--At Newark, Essex County, on Lafayette Street, at the Central Railroad of New Jersey station, on the north building line of Lafayette Street, and in line with the west curb of a driveway leading to the lower level of the Broad Street terminal. The top of a rounded wheel guard. (9.750 meters or 31.988 feet.)

41.333 (C.R.R.N.J.).--At Newark, Essex County, in the passenger yards of the Central Railroad of New Jersey, 30 feet east of the bridge over Mulberry Street, and in the top of the northwest corner of relay box (NA 2.) The top of a bolt. (12.686 meters or 41.621 feet.)

U 11.--At Newark, Essex County, in Military Park, between Broad Street, Park Place and Center Street, about 100 feet north of the center line of Cedar Street, 30 feet east of the east curb of Broad Street, 42 feet north of a brass cannon, and in the top of the retaining wall of the subway entrance to the men's room, 2½ feet higher than the east curb of Broad Street. A standard disk, stamped "U 11 1933". (12.487 meters or 40.968 feet.)

38.47 (N.J.G.S.)=35 (City of Newark).--At Newark, Essex County, at the northwest corner of the intersection of Academy and Broad Streets, at the Academy Street entrance to the post office, on the west end of the middle step of the three, 8 inches from the edge, 6 inches from the west wall, and 4 inches from the back wall. A chiseled cross. (11.822 meters or 38.786 feet.)
DESTROYED

68.07 (N.J.G.S.)=37 (City of Newark).--At Newark, Essex County, at the High Street entrance to the county courthouse, at the north one of the two columns, and on the top of the northeast corner of the square marble base. A chiseled cross. (20.852 meters or 68.412 feet.)

132.93 (N.J.G.S.)=40 (City of Newark).--At Newark, Essex County, on the south side of Sussex Avenue between Jay and Hudson Streets, at the Jay Street entrance to the First Infantry Armory, on the south end of the brownstone doorsill, 2½ inches from the south wall of the entrance, 8 inches from the door jamb, and 5 inches from the edge of the doorsill. A chiseled cross. (40.645 meters or 133.349 feet.)

117.61 (N.J.G.S.)=42 (City of Newark).--At Newark, Essex County, at the Bloomfield Avenue concrete bridge over a driveway and a stream in Branch Brook Park, and at the middle of the south parapet of the bridge. The apex of a pointed concrete post. (35.948 meters or 117.939 feet.)

117.58 (N.J.G.S.)=43 (City of Newark).--At Newark, Essex County, at the Bloomfield Avenue concrete bridge over a driveway and a stream in Branch Brook Park, and at the middle of the north parapet of the bridge. The apex of a pointed concrete post. (35.942 meters or 117.920 feet.)

95 (City of Newark).--At Newark, Essex County, at the southwest corner of the intersection of Mulberry and Commerce Streets, and on the corner of the stone water table of a brick building, 2 inches higher than the sidewalk. A notch, cut in the stone. (9.925 meters or 32.562 feet.)

96 (City of Newark).--At Newark, Essex County, on the east side of Mulberry Street, between Raymond Blvd. and Commerce St., at the west end of Market Plaza, and on the top of the west granite coping of a circular tree bed, 3 feet higher than the finished grade of Mulberry Street. A chiseled cross within a chiseled square. (11.358 meters or 37.264 feet.)

Perth Amboy, N.J., to Port Jervis, N.Y.

97 (City of Newark).--At Newark, Essex County, at 1123 Raymond Blvd., a 3 story brick building, and on the stone doorsill, 2 feet higher than the sidewalk. A chiseled square. (11.739 meters or 38.514 feet.)

98 (City of Newark).--At Newark, Essex County, on Raymond Blvd., at the Center Market Building, about 100 feet east of the northeast corner, and on the fifth granite pedestal, 12 inches higher than the sidewalk. A notch, out in the corner of the pedestal. (10.804 meters or 35.446 feet.)

90 (City of Newark).--At Newark, Essex County, at 1107 Raymond Blvd., 24 feet north of the north curb of the street, and on the stone doorsill of a 3-story brick building, 30 inches higher than the sidewalk. A chiseled square. (11.289 meters or 37.037 feet.)

4 (City of Newark).--At Newark, Essex County, at the intersection of Ward Street and Raymond Blvd., and on the northwest corner of the Center Market building, 12 inches higher than the sidewalk. A notch, cut in the corner of the building. (10.640 meters or 32.940 feet.)

15 (City of Newark).--At Newark, Essex County, opposite the city dock, 63 feet east of the center of the intersection of Canal and River Streets, 45 feet east of the corner of the 3-story brick building of the Public Service Company, and on the stone doorsill, 10 inches above the ground. A chiseled square. (3.811 meters or 12.503 feet.) DESTROYED

V 11.--At Newark, Essex County, on Broad Street, midway between Division and Cross Streets, about 111 feet south of the south curb of Cross Street, about 100 feet south of the Delaware, Lackawanna & Western Railroad bridge over Broad Street, 18 feet east of the east curb of Broad Street, and in the southwest corner of the 2-story brick freight station. A standard disk, stamped "V 11 1933" and set vertically. (11.886 meters or 38.996 feet.)

60.576 (D.L. & W.R.R.).--At Newark, Essex County, on the Delaware, Lackawanna & Western Railroad, on the north side of the station, and on the west end of the stone doorsill of the west door, level with the track. A chiseled cross. (18.547 meters or 60.850 feet.)

T. B. M. 7.--At Newark, Essex County, at the junction of Broad and Harvey Streets, at the south entrance to Mt. Pleasant Cemetery, 10 feet north of the north curb of Harvey Street, on the stone retaining wall and foundation for an iron picket fence, and 8 inches higher than the sidewalk. A chiseled square. (19.069 meters or 62.562 feet.)

RV 11.--At Newark, Essex County, at the junction of Broadway and Elwood Streets, at 637-643 Broadway, 25 feet east of the east curb of Broadway, in the southwest curb of the private driveway to the residences, and 24 feet higher than the street curb. A standard monel-metal rivet. (22.124 meters or 72.585 feet.)

W 11.--At Newark, Essex County, on Broadway, midway between Verona and Sylvan Avenues, at the Erie Railroad overhead crossing, in the northwest corner of the west abutment, 18 feet west of the west curb of Broadway, and 5 feet higher than the top of the curb. A standard disk, stamped "W 11 1933". (14.869 meters or 48.783 feet.)

32.97 (N.J.G.S. - 1 (Cities of Belleville and Newark), - At Newark, Essex Co. on Broadway, about 10' south of the Belleville city limit, at the south end of the west parapet of the bridge over Second River, east of an iron fence, and nearly in the center of the first coping stone. A chiseled cross. (10.146 meters or 33.287 feet.

X 11 - At Belleville, Essex Co., about 300' south of Cleveland Station of the Erie RR about 301' south of Mills St., about 250' east of Broadway, 24' west of the northeast corner of the Essex Wire Cloth Mfg. Co. Bldg., and in top of the southwest corner of the concrete abutment of the steel RR bridge over Mills St. A standard disk, stamped "X 11 1933", (5.408 meters or 17.743 ft.).

BELLEVILLE - At Belleville, Essex Co. about 150' southwest of the concrete balance weight of a drawbridge, 33' southeast of the main entrance to the Dutch Reformed Church, 16' west of the west curb of Main St., and 6" higher than the sidewalk. A standard disk, stamped "Belleville 1933" set in top of a concrete post. (3.481 meters or 11.421 ft.).

N.J. (N.J.H.D.) - At Belleville, Essex Co., about 150' southwest of the concrete balance weight of a drawbridge, 32' southeast of the main entrance to the Dutch Reformed Church, 20' west of the west curb of Main St., and 6" higher than the sidewalk. A N.J. Highway Dept. standard disk, stamped "N.J." and set in top of a concrete post. (3.602 meters, or 11.818 ft.).

RV 12 - At North Arlington, Bergen Co., at the junction of Arlington Blvd., and River Rd., about 3,500 ft. north of the Belleville Ave. bridge over the Passaic River, at the high-water mark on the east bank of the river, 75' east of the low-water mark, on the south side of the Blvd., at a concrete culvert, in top of the west headwall, and 2' south of the north end. A standard monel metal rivet. (2.378 meters or 7.802 ft.).

RV 13 - At North Arlington, Bergen Co., on River Road, about 180 ft. south of the Lyndhurst Twp. Line, 85' south of the junction of River Road and Jauncey Ave., 5' south of a drop inlet, and in top of the west curb of River Road, level with the finished grade of road. A standard monel-metal rivet. (4.812 meters or 15.787 ft.).

Y 11 - At Lyndhurst, Bergen Co., at the intersection of Stuyvesant and Kingsland Aves., about 300 ft. east of the centerline of Kingsland Ave., about 75' south of the centerline of Stuyvesant Ave., at the northwest corner of Roosevelt School, in the west face, and 2' higher than the ground. A standard disk, stamped "Y 11 1933", set vertically. (13.422 meters or 44.035 ft.).

Z 11 - At Lyndhurst, Bergen County, at the southwest corner of the intersection of Stuyvesant Ave. and Fern St., about 156 ft. west of the centerline of Fern St., 86 ft. south of centerline of Stuyvesant Ave., at the northwest corner of Franklin School, in the north face of the building, and 4' higher than the ground. A standard disk, stamped "Z 11 1933", set vertically. (19.685 meters or 64.583 ft.).

A 12 - At Lyndhurst, Bergen Co., about 20 yards northwest of the Delaware, Lackawanna and Western RR Sta., at the bridge over Stuyvesant Ave., in the south masonry back wall, 27 ft. south of the centerline of the Ave., and about 4 ft. higher than the sidewalk. A standard disk, stamped "27.037 A 12 1933". (8.241 meters or 27.037 ft.). Destroyed.

38.317 (D.L.&W.R.R.).--At Lyndhurst, Bergen County, at the intersection of Stuyvesant and Court Avenues, about 50 yards west of the Delaware, Lackawanna & Western Railroad station, at the west end of the overhead bridge, 16½ feet north of the south rail of track 1, and on the top of the north stone backwall of the west abutment. A chiseled cross. (11.757 meters or 38.573 feet)

East (U.S.E.)= 38,885 (D.L.&W.R.R.).--At Lyndhurst, Bergen County, on the Delaware, Lackawanna & Western Railroad, about 0.2 mile west of the station, at the east end of the bridge over Passaic River, 8.5 feet north of the center line of track 1, and in the top of the north capstone of the east abutment, at the track level. A 1 3/4 inch round casting, lettered "U.S.E.D. H.L. STA." (11.930 meters or 39.140 feet.)

West (U.S.E.).--At Lyndhurst, Bergen County, on the Delaware, Lackawanna & Western Railroad, about 0.3 mile west of the station, at the west end of the bridge over Passaic River, and in the top of the south capstone of the west abutment. A 1 3/4 inch round casting, lettered "U.S.E.D. H.L. STA." (11.468 meters or 37.625 feet.)

37 (?).--At Lyndhurst, Bergen County, on the Delaware, Lackawanna & Western Railroad, about 0.3 mile west of the station, at the west end of the bridge over Passaic River, and on the top of the north capstone of the west abutment, at the track level. A chiseled cross. (11.371 meters or 37.306 feet.)

RV 14.--At Rutherford, Bergen County, at the northeast corner of the intersection of Van Ness and Park Avenue, 50 feet southwest of the south west corner of the residence at 338 Park Avenue, 27 feet east of the center line of Van Ness Avenue, 24 feet north of the center line of Park Avenue, and in the top of the concrete curb. A standard monel-metal rivet. (23.762 meters or 77.959 feet.)

B 12.--At Rutherford, Bergen County, at the intersection of Park Avenue and Ridge Road, 80 feet south of the center line of Park Avenue, in the east end of the First Presbyterian Church, 21 feet north of the east entrance, and 2 feet higher than the ground. A standard disk, stamped "B 12 1933" and set vertically. (29.726 meters or 97.526 feet.)

C 12.--At Rutherford, Bergen County, at the east end of Park Avenue, at the north end of Orient Street, about 100 yards east of the Rutherford National Bank, in the west face of the Erie Railroad station, and 5 feet higher than the sidewalk. A standard disk, stamped "C 12 1933" and set vertically. (14.572 meters or 47.808 feet.)

43.14 (N.J.G.S.)= 1 (City of Rutherford).--At Rutherford, Bergen County, at the east end of Park Avenue, at the north end of Orient Street, about 100 yards east of the Rutherford National Bank, at the west side of the Erie Railroad station, and on the door step, 1 foot higher than the sidewalk. A chiseled cross. (13.194 meters or 43.287 feet.)

D 12.--At Rutherford, Bergen County, on Erie Street, about 225 feet northwest of the center line of Hackensack Street, about 150 yards south of the Erie Railroad station, 33 feet east of the center line of Erie Street in the masonry retaining wall of the railroad, and 4.5 feet above the ground. A standard disk, stamped "D 12 1933". (7.998 meters or 26.240 feet.)

E 12.--At Carlstadt, Bergen County, on Hackensack Street, between Hoboken and Broad Streets, at the southeast end of Small Street, 30 feet southeast of the center of Hackensack Street, in the front of the Carlstadt National Bank and in the top of a stone ledge, 2.5 feet higher than the sidewalk. A standard disk, stamped "E 12 1933". (28.780 meters or 94.422 feet.)

RV 15.--At Woodridge, Bergen County, at the intersection of Hackensack and Centre Streets, about 400 feet southwest of Woodridge School 1, 25 feet southwest of the center line of Centre Street, 18 feet northeast of the centerline of Hackensack Street, and in the top of the concrete curb. A standard monel-metal rivet. (58.620 meters or 192.322 feet.)

182 (?)--At Woodridge, Bergen County, at the southwest corner of the intersection of Union Avenue and Hackensack Street, at the Hackensack Street entrance to public school 1, and on the top surface of the lowest concrete step. A chiseled cross. (55.369 meters or 181.656 feet.)

188.12 (N.J.O.S.)--At Woodridge, Bergen County, at the southwest corner of the intersection of Union Avenue and Hackensack Street, on the Hackensack Street side of public school 1, and on the top surface of the south basement windowsill, 8 feet higher than the street level and 1/2 foot higher than the ground. A chiseled cross. (57.453 meters or 188.494 feet.)

F 12.--At Woodridge, Bergen County, at the intersection of Hackensack Street and Marlboro Road, about 105 feet south of the center of Hackensack Street, in the north face of public school 2, 15 feet west of the center of the main entrance, and 4 feet higher than the concrete porch. A standard disk, stamped "F 12 1933" and set vertically. (42.726 meters or 140.177 feet.)

RV 16.--At Hasbrouck Heights, Bergen County, at the northeast corner of the intersection of Terrace Avenue and Henry Street, about 100 feet northeast of the northeast corner of the Cathart Gardens Apartments, 35 feet east of the center line of Terrace Avenue, 30 feet north of the center line of Henry Street, and in the top of the concrete curb. A standard monel-metal rivet. (38.843 meters or 127.437 feet.)

RV 17.--At Hasbrouck Heights, Bergen County, at the intersection of Terrace Avenue and Madison Street, 70 feet southeast of the southeast corner of residence at 329 Madison Avenue, 30 feet west of the center of Terrace Avenue, 18 feet north of the center line of Madison Avenue, and in the top of the concrete curb. A standard monel-metal rivet. (30.315 meters or 99.452 feet.)

G 12.--At Hasbrouck Heights, Bergen County, on Terrace Avenue, about 150 yards west of the city limits of Hackensack, 25 feet south of the center line of Terrace Avenue, at the bridge over State Highway 2, and in the top of the east end of the south balustrade, 4 feet higher than the sidewalk. A standard disk, stamped "G 12 1933". (14.660 meters or 48.097 feet.)

RV 18.--At Hackensack, Bergen County, at the intersection of Polifly and Essex Streets, about 110 feet southeast of the southeast corner of the residence at 9 Polifly Street, 42 feet west of the center line of Essex Street, 30 feet north of the center line of Polifly Street, 12 feet east of the traffic-signal post and in the top of the concrete curb. A standard monel-metal rivet. (9.187 meters or 30.141 feet.)

DESTROYED.

H 12.--At Hackensack, Bergen County, at the intersection of First and Beach Streets, at the high school, 108 feet north of the center line of First Street, 66 feet east of the centerline of Beach Street, in the west face of the building at the southwest corner, and 5 feet higher than the ground. A standard disk, stamped "H 12 1933" and set vertically. (8.078 meters or 26.483 feet.)

J 12.--At Hackensack, Bergen County, on First Street, about 600 feet east of the high school, 30 feet south of the center line of First Street, at the New York, Susquehanna and Western Railroad overhead crossing, directly under the center of the track, and in the south masonry backwall of the underpass, 5 feet higher than the sidewalk. A standard disk, stamped "J 12 1933". (6.523 meters or 21.401 feet.)

K 12.--At Hackensack, Bergen County, at the intersection of First and High Streets, at public school 5, 75 feet north of the center line of First Street, 54 feet west of the center line of High Street, in the south face of the building at the southeast corner, and 5 feet higher than the ground. A standard disk, stamped "K 12 1933" and set vertically. (7.753 meters or 25.443 feet.)

RV 19.--At Hackensack, Bergen County, at the intersection of First Street and Passaic Avenue, 36 feet south of the center line of First Street, 26 feet west of the center line of Passaic Avenue, and in the northeast corner of a raised concrete triangle in front of a Gulf filling station, 1 foot higher than the sidewalk. A standard monel-metal rivet. (6.643 meters or 21.795 feet.)

22.70 (N.J.G.S.)--At Hackensack, Bergen County, near the corner of Linden and Anderson Streets, west of the Anderson Street station, on the north side of Anderson Street, at the entrance to the apartments of a brick building erected in 1894 by G. A. Mattjatschenk and which also houses a general store, and on the west end of the door sill. A chiseled cross. (6.946 meters or 22.789 feet.)

RV 20.--At Maywood, Bergen County, on Passaic Avenue, at the north end of Esplanade Place, at the Maywood-Hackensack city line, 30 feet north of the center line of Passaic Avenue, and in the top of the west end of the concrete coping of a culvert, level with the sidewalk. A standard monel-metal rivet. (11.242 meters or 36.883 feet.)

MAYWOOD.--At Maywood, Bergen County, at the borough hall on Park Avenue, 39 feet northeast of the center line of Park Avenue, and 3 feet southwest of a monument erected in memory of the World War dead, flush with the ground. A standard disk, stamped "MAYWOOD 1933" and set in the top of a concrete post. (28.724 meters or 94.339 feet.)

L 12.--At Rochelle Park, Bergen County, at the intersection of State Highway 2 and County Highway 62, 20 feet east of the center line of Highway 62, 15 feet below Highway 2, and in the north concrete backwall of the underpass, 5 feet higher than the sidewalk. A standard disk, stamped "L 12 1933". (19.232 meters or 63.097 feet.)

RV 21.--At Rochelle Park, Bergen County, on County Highway 62, in front of the residence at 225 Passaic Avenue, about $\frac{1}{4}$ mile south of the Arcola swimming pool, 15 feet east of the center line of the highway, and in the top of the concrete curb. A standard monel-metal rivet. (14.596 meters or 47.887 feet.)

DESTROYED.

M 12.--At Arcola, Bergen County, on County Highway 62, about 200 yards south of State Highway 4, 24 feet south of the center line of County Highway 62, and in the top of the east end of the south balustrade of the highway bridge over Saddle River, 4 feet higher than the sidewalk. A standard disk, stamped "M 12 1933." (16.701 meters or 54.793 feet.)

N 12.--At Arcola, Bergen County, on State Highway 4, at the bridge over Saddle River, 45 feet north of the center line of the highway, and in the top of the east end of the north balustrade of the bridge, 4 feet higher than the sidewalk. A standard disk, stamped "N 12-1933." (17.785 meters or 58.350 feet.)

RV 22.--At Warren Point, Bergen County, on State Highway 4, at a golf practice range, about 1,500 feet west of the highway bridge over Saddle River, 33 feet south of the center line of the highway, and in the top of the west concrete curb. A standard monel-metal rivet. (21.017 meters or 68.953 feet.)

P 12.--At Warren Point, Bergen County, on State Highway 4, at the overhead crossing of the Erie Railroad, about 1,600 feet west of the post office, 33 feet south of the center line of the highway, and in the top of the east end of the east wing wall of the underpass, 2 feet higher than the sidewalk. A standard disk, stamped "P 12 1933." (17.754 meters or 58.248 ft.)

RV 23.--At Warren Point, Bergen County, at the intersection of State Highway 4 and Fifth Avenue, about 1/4 mile west of the Erie Railroad overhead crossing, 30 feet north of the center line of the highway, 15 feet west of the center line of Fifth Avenue, and in the top of the concrete curb. A standard monel-metal rivet. (21.703 meters or 71.204 feet.)

Q 12.--At Paterson, Passaic County, on Broadway, at the concrete bridge over Passaic River, 45 feet north of the center line of the street, and in the top of the west end of the north concrete balustrade, 3.5 feet higher than the sidewalk. A standard disk, stamped "Q 12 1933." (16.758 meters or 54.980 feet.)

1 (City of Paterson).--At Paterson, Passaic County, at East Side Park, on Broadway, about 300 feet northwest of the concrete highway bridge over Passaic River, about 110 feet west of the center line of Broadway, and on the southeast corner of the concrete porch of the women's rest room, 1 foot higher than the ground. A chiseled cross.. (15.841 meters or 51.972 feet.)

2 (City of Paterson).--At Paterson, Passaic County, at the intersection of Broadway and East Thirty-ninth Street. at the crest of a long hill on Broadway, 27 feet east of the center line of Broadway, 18 feet north of the center line of East Thirty-ninth Street and in the concrete sidewalk. A square-headed bolt. (38.402 meters or 125.991 feet.)

RV 24.--At Paterson, Passaic County, at the intersection of Broadway and East Twenty-ninth Street, 33 feet east of the center line of East Twenty-ninth Street, 24 feet south of the center line of Broadway, and in the top of the concrete foundation of a metal telephone pole. A standard monel-metal rivet. (23.197 meters or 76.105 feet.)

RV 25.--At Paterson, Passaic County, at the intersection of Broadway and Graham Ave. at the Church of the Messiah, 13 feet southwest of the southwest curb of Broadway, and in the top of the southeast end of the bottom step of the entrance to the church, 1 foot higher than the sidewalk. A standard monel-metal rivet. (32.615 meters or 107.004 feet.)

Perth Amboy, N.J., to Port Jervis, N.Y.

R 12.--At Paterson, Passaic County, on Broadway, at the Erie Railroad over head crossing, 35 feet south of the center line of the street, in the top of the south concrete back wall, 2 feet east of the west end, and 4.5 feet higher than the sidewalk. A standard disk, stamped "R 12 1933". (23.878 meters or 78.340 feet.)

88.82 (N.J.G.S.).--At Paterson, Passaic County, in front of the city hall, and on the northwest side of the main entrance, 1 foot southeast of the northwest door jamb. A chiseled cross. (27.045 meters or 88.730 feet.)

S 12.--At Paterson, Passaic County, on Hamilton Street, in the front face of the former post office building now used by the county, on the west side of the main entrance, and 2 feet higher than the stone porch. A standard disk, stamped "S 12 1933" and set vertically. (33.105 meters or 108.612 feet.)

103.18 (N.J.G.S.).--At Paterson, Passaic County, on Hamilton Street, at the main entrance to the county courthouse, directly across the street from the high school, and on the top of the stone coping at the north end of the steps. A chiseled cross. (31.422 meters or 103.090 feet.)

T 12.--At Paterson, Passaic County, at the county courthouse on Hamilton Street, directly across the street from the high school, at the south end of the steps leading from the sidewalk to the courthouse porch, and in the stone pillar, 4.6 feet higher than the sidewalk. A standard disk, stamped "T 12 1933" and set vertically. (30.363 meters or 99.616 feet.)

99.45 (N.J.G.S.).--At Paterson, Passaic County, at the southeast corner of Main and Slater Streets, at the St. Boniface Church, and on the south end of the Main Street entrance. A chiseled cross. (30.271 meters or 99.314 feet.)

U 12.--At Paterson, Passaic County, at the intersection of Grand and New Streets, at the city reservoir, 96 feet south of the center line of New Street, 36 feet east of the center line of Grand Street, and in the top of the Grand Street end of the reservoir, 1.5 feet higher than the ground. A standard disk, stamped "U 12 1933". (53.506 meters or 175.544 ft.).

188.38 (D.L.&W. R.R.).--About $1\frac{1}{4}$ miles west along the Delaware, Lackawanna & Western Railroad from Paterson, Passaic County, about 1,000 feet east of the east end of the bridge over Passaic River, about 940 feet east of milepost 17, about 700 feet west of semaphore signal 167, 3 feet north of the north rail, and on the top of the east abutment of a small bridge, level with the base of the rail. A chiseled cross. (57.424 meters or 188.399 ft.).

V 12.--About $1\frac{1}{4}$ miles west along the Delaware, Lackawanna & Western Railroad from Paterson, Passaic County, about 50 feet west of milepost 17, in the top of the south end of the east abutment of the bridge over Passaic River, 12 feet south of the south rail, and 1 foot lower than the base of the rail. A standard disk, stamped "V 12 1933". (57.228 meters or 187.786 feet.)

188.4 (D.L.&W. R.R.).--About 1.6 miles west along the Delaware, Lackawanna & Western Railroad from Paterson, Passaic County, about 650 feet west of milepost 17, and on the top of the north end of the west abutment of the bridge over Passaic River, 7 feet north of the north rail, and 1 foot lower than the base of the rail. A chiseled cross. (57.377 meters or 188.244 ft.).

Perth Amboy, N.J., to Port Jervis, N.Y.

RV 26 (D.L.&W. R.R.).--About 1 3/4 miles west along the Delaware, Lackawanna & Western Railroad from Paterson, Passaic County, about 1,600 feet west of milepost 17, about 1,000 feet west of the west end of the bridge over Passaic River, 6 feet north of the north rail, and in the top of the concrete base of automatic signal 175, 1 foot lower than the base of the rail. A standard monel-metal rivet. (58.554 meters or 192.106 ft.).

W 12.--At Totowa, Passaic County, on the Delaware, Lackawanna & Western Railroad, about 140 feet west of the Little Falls station, at semaphore signal 183, and 7 feet south of the south rail, in the north face of the easterly pedestal of the concrete overhead highway crossing, 4 feet higher than the ground. A standard disk, stamped "W 12 1933" and set vertically. (59.495 meters or 195.193 feet.)

194.56 (N.J.G.S.).--At Totowa, Passaic County, at the northeast corner of the Delaware, Lackawanna & Western Railroad station at Little Falls, and on the top of the stone water table. The point of a chiseled arrow. (59.287 meters or 194.511 feet.)

RV 27 (D.L.&W. R.R.).--About 0.8 mile west along the Delaware, Lackawanna & Western Railroad from the station at Little Falls, Passaic County about 750 feet west of milepost 19, 60 feet west of the center of a grade crossing, and 7 feet south of the south rail, in the concrete base of semaphore signal 194, level with the base of the rail. A standard monel-metal rivet. (56.834 meters or 186.463 feet.)

181.65 (D.L.&W. R.R.).--About 1/2 mile east along the Delaware, Lackawanna & Western Railroad from the station at Mountain View, Passaic County, about 205 feet west of milepost 20, about 300 yards northeast of the smokestack of an abandoned brick mill, 7 feet north of the north rail, and on the top of the concrete base of semaphore signal 201, level with the base of the rail. A chiseled cross. (55.322 meters or 181.502 feet.)

180.7 (N.J.G.S.).--At Mountain View, Passaic County, at the Delaware, Lackawanna & Western Railroad station, about 270 feet east of a grade crossing, at the south entrance to the station, and on the east end of the concrete door-sill. A chiseled cross. (55.068 meters or 180.669 feet.)

Y-12.--At Mountain View, Passaic County, on the Delaware, Lackawanna & Western Railroad, about 380 feet west of the station, 50 feet west of the center line of Preakness Avenue, 30 feet south of the south rail, and 1 foot lower than the base of the rail. A standard disk, stamped "Y 12 1933" and set in the top of a concrete post. (53.956 meters or 177.021 feet.)

Z 12.--At Mountain View, Passaic County, on the Delaware, Lackawanna & Western Railroad, about 1,000 feet west of the station, about 1,500 feet east of the Erie Railroad crossing, in the top of the north concrete back wall of the overhead crossing, at a point where the wing wall joins the back wall, and 4 feet higher than the ground. A standard disk, stamped "Z 12 1933". (55.417 meters or 181.814 feet.)

173.666 (D.L.&W. R.R.).--At Mountain View, Passaic County, on the Delaware, Lackawanna & Western Railroad, at the overhead crossing of the State Highway 23, 75 feet south of the track, on the westernmost of three concrete supports forming the third line of supports of the overhead bridge, in the top of the projecting ledge of concrete, painted "P1 2 173.666," and 6 feet higher than the ground. A copper plug. (52.973 meters or 173.796 feet.)