

U.S. DEPARTMENT OF COMMERCE - NOAA
NOS - NATIONAL GEODETIC SURVEY
ROCKVILLE MD 20852 - OCTOBER 29, 1986

CALIBRATION BASE LINE DATA
BASE LINE DESIGNATION: ROCHESTER
PROJECT ACCESSION NUMBER: G15483

QUAD: N430773
NEW YORK
MONROE COUNTY

LIST OF ADJUSTED DISTANCES (JANUARY 28, 1980)

FROM STATION	ELEV. (M)	TO STATION	ELEV. (M)	ADJ. DIST. (M) HORIZONTAL	ADJ. DIST. (M) MARK - MARK	STD. ERROR (MM)
0	158.50	150	158.60	150.0000	150.0000	0.3
0	158.50	425	158.47	425.0113	425.0113	0.5
0	158.50	1400	158.82	1400.0144	1400.0144	0.7
150	158.60	425	158.47	275.0113	275.0113	0.4
150	158.60	1400	158.82	1250.0144	1250.0144	0.5
425	158.47	1400	158.82	975.0030	975.0031	0.4

DESCRIPTION OF ROCHESTER BASE LINE

YEAR MEASURED: 1979

CHIEF OF PARTY: CWW

THE BASE LINE IS LOCATED SOUTH OF ROCHESTER ALONG THE SOUTHERN EDGE OF THE NEW YORK STATE BARGE CANAL AND JUST NORTH OF THE BRIGHTON-HENRIETTA TOWN LINE AT WINTON ROAD IN THE TOWN OF BRIGHTON.

TO REACH THE BASE LINE FROM THE JUNCTION OF STATE HIGHWAY 252 (JEFFERSON ROAD) AND WINTON ROAD IN NORTHERN HENRIETTA, GO NORTH ON WINTON ROAD FOR 0.5 MILE TO THE BRIGHTON-HENRIETTA TOWN LINE, CONTINUE NORTH ON WINTON ROAD FOR 0.05 MILE TO A SIDE ROAD LEFT ON THE BRIDGE APPROACH, TURN LEFT AND GO NORTHERLY FOR 0.15 MILE TO A LOCKED GATE ON THE SOUTH SIDE OF THE BARGE CANAL. (TO OBTAIN KEY SEE ADDRESS BELOW). PASS THROUGH THE GATE TO THE TOWPATH, TURN RIGHT, PASS UNDER THE BRIDGE AND GO EASTERLY FOR 0.25 MILE TO THE 0 METER POINT ON THE RIGHT.

THE 0 METER POINT IS 37.5 FEET NORTH OF THE SOUTH EDGE OF THE CANAL BANK, 15 FEET SOUTH OF THE NORTH EDGE OF THE CANAL BANK AND 5 FEET SOUTH OF THE CENTER OF A TRACK ROAD ALONG THE CANAL BANK.

ALL OF THE MARKS ARE STANDARD CALIBRATION BASE LINE DISKS SET IN THE TOP OF 10-INCH ROUND CONCRETE FILLED TILES WITH THE DISKS 6 INCHES BELOW THE SURFACE. WITNESS POSTS AND OTHER PROTECTION FOR THE MARKS ARE BEING PUT IN.

THE BASE LINE IS A EAST-WEST LINE WITH THE 0 METER POINT ON THE EAST END. IT IS MADE UP OF THE 0, 150, 425, AND 1400 METER POINTS. ALL OF THE MARKS ARE SET ON A LINE ALONG THE SOUTH BANK OF THE CANAL.

THIS BASE LINE WAS ESTABLISHED IN CONJUNCTION WITH THE GENESEE VALLEY LAND SURVEYORS ASSOCIATION. FOR FURTHER INFORMATION AND KEY TO THE GATE CONTACT MR. ROBERT PRESCOTT, SENIOR SURVEYOR, GEODETIC SURVEY OFFICE, MONROE COUNTY, DEPARTMENT OF PUBLIC WORKS, 350 EAST HENRIETTA ROAD, IOLA COMPLEX, ROCHESTER, NEW YORK. TELEPHONE 716-461-3160.