

US DEPARTMENT OF COMMERCE - NOAA
 NOS - NATIONAL GEODETIC SURVEY
 ROCKVILLE MD 20852

*****FINAL*****
 CALIBRATION BASE LINE DATA
 ROCHESTER BASE LINE
 SOURCE NO-- 15483
 (HENRIETTA)

QUAD--430773
 STATE--NEW YORK
 COUNTY--MONROE

LIST OF ADJUSTED DISTANCES

FROM STATION NAME	ELEV.(M)	TO STATION NAME	ELEV.(M)	ADJ. DIST.(M) HORIZONTAL	ADJ. DIST.(M) MARK - MARK	STD. ERROR(MM)
0 1979	158.50	150 1979	158.60	150.0000	150.0000	0.3
0 1979	158.50	425 1979	158.47	425.0113	425.0113	0.5
0 1979	158.50	1400 1979	158.82	1400.0144	1400.0144	0.7
150 1979	158.60	425 1979	158.47	275.0113	275.0113	0.4
150 1979	158.60	1400 1979	158.82	1250.0144	1250.0144	0.5
425 1979	158.47	1400 1979	158.82	975.0030	975.0031	0.4

DESCRIPTION OF CALIBRATION BASE LINE

NAME OF STATION: ROCHESTER BASE LINE STATE: New York COUNTY: Monroe
 NEAREST TOWN: Henrietta QUADRANGLE NO.:
 CHIEF OF PARTY: C.W. Wright YEAR: 1979 DESCRIBED BY: W.J. Kindal

NOTE.	HEIGHT OF TELESCOPE ABOVE STATION MARK		METERS,†		HEIGHT OF LIGHT ABOVE STATION MARK		METERS.	
	SURFACE-STATION MARK, UNDERGROUND-STATION MARK		DISTANCES AND DIRECTIONS TO AZIMUTH MARK, REFERENCE MARKS AND PROMINENT OBJECTS WHICH CAN BE SEEN FROM THE GROUND AT THE STATION					
	OBJECT		BEARING	DISTANCE		DIRECTION‡		
		FEET		METERS				

Detailed description:

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 about 6 inches below the surface. The stamping for the marks has not been decided upon at this time. Witness posts and other protection for the marks is 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. Joseph S. Glickman, Senior Surveyor, Geodetic Survey Office, Monroe County, Department of Public Works, 350 East Henrietta Road, Iola Complex, Rochester, New York. Telephone 716-461-3160.

* Refers to notes in manuals of triangulation and state publications of triangulation.
 † To nearest meter only, when no trigonometric leveling is being done.

‡ Direction-angle measured clockwise, referred to initial station.