

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

CALIBRATION BASE LINE DATA
 BASE LINE DESIGNATION: CAPE COD
 PROJECT ACCESSION NUMBER: G16364

QUAD: N410701
 MASSACHUSETTS
 BARNSTABLE COUNTY

LIST OF ADJUSTED DISTANCES (JANUARY 26, 1980)

FROM STATION	ELEV. (M)	TO STATION	ELEV. (M)	ADJ. DIST. (M) HORIZONTAL	ADJ. DIST. (M) MARK - MARK	STD. ERROR (MM)
0	6.10	150	7.01	149.9867	149.9895	0.2
0	6.10	430	8.87	429.9773	429.9862	0.3
0	6.10	1400	16.88	1399.9655	1400.0070	0.5
150	7.01	430	8.87	279.9905	279.9967	0.3
150	7.01	1400	16.88	1249.9788	1250.0177	0.4
430	8.87	1400	16.88	969.9882	970.0213	0.3

DESCRIPTION OF CAPE COD BASE LINE
 YEAR MEASURED: 1979
 CHIEF OF PARTY: CWW

THE BASE LINE IS LOCATED ON CAPE COD ABOUT 5 MILES NORTHEAST OF HYANNIS AND 0.4 MILE SOUTHEAST OF YARMOUTH IN THE MEDIAN STRIP BETWEEN EXITS 8 AND 9 OF UNITED STATES HIGHWAY 6.

TO REACH THE 0 METER POINT FROM THE JUNCTION OF HIGHWAY 6 AND UNION STREET AT EXIT 8 GO EAST ON HIGHWAY 6 FOR 1.5 MILES TO THE 0 METER POINT ON THE LEFT.

THE 0 METER POINT IS 153.5 FEET WEST OF THE SOUTHWEST CORNER OF THE CENTER PIER OF AN OVERPASS, 31 FEET NORTH OF THE CENTER LINE OF THE EAST BOUND LANES OF HIGHWAY 6, 11.5 FEET NORTH-NORTHWEST OF MILE POST 75.9 AND 5 FEET SOUTH OF A METAL WITNESS POST.

ALL OF THE MARKS ARE STANDARD CALIBRATION BASE LINE DISKS, STAMPED WITH THEIR BASE LINE DESIGNATION AND THE YEAR 1979, SET IN THE TOP OF ROUND CONCRETE MONUMENTS THAT ARE ABOUT 2 INCHES BELOW THE SURFACE.

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, 430, AND 1400 METER POINTS WITH TWO MARKS FOR THE CALIBRATION OF 100 AND 200 FOOT TAPES SET ON LINE WEST OF THE 0 METER POINT.

THIS BASE LINE WAS ESTABLISHED IN CONJUNCTION WITH THE MASSACHUSETTS ASSOCIATION OF LAND SURVEYORS AND CIVIL ENGINEERS AND THE MASSACHUSETTS GEODETIC SURVEY. FOR FURTHER INFORMATION CONTACT THE MASSACHUSETTS GEODETIC SURVEY, ROOM 717, 100 NASHUA STREET, BOSTON, MASSACHUSETTS 02114. TELEPHONE 617-727-8287 OR MR. GERALD S. SHELBY, MOORE SURVEY AND MAPPING CORPORATION, 29 GRAFTON CIRCLE, SHREWSBURY, MASSACHUSETTS 01545. TELEPHONE 617-845-4181.