

US DEPARTMENT OF COMMERCE - NOAA
NOS - NATIONAL GEODETIC SURVEY
SILVER SPRING MD 20910 – FEB. 24, 2003

CALIBRATION BASE LINE DATA
BASE LINE DESIGNATION: VANCOUVER CBL
PROJECT ACCESSION NUMBER: 15480
NEAREST TOWN: VANCOUVER

QUAD: N451224
CLARK COUNTY, WASHINGTON

LIST OF ADJUSTED DISTANCES (FEBRUARY 12, 2003)

FROM STATION	ELEV.(M)	TO STATION	ELEV.(M)	ADJ. DIST.(M) HORIZONTAL	ADJ. DIST.(M) MARK – MARK	STD. ERROR(MM)
0 1987	6.000	150 1987	5.831	149.9879	149.9880	.2
0 1987	6.000	430 1987	5.517	429.9988	429.9991	.2
0 1987	6.000	100 1987	5.269	1100.0052	1100.0054	.3
150 1987	5.831	430 1987	5.517	280.0109	280.0111	.2
150 1987	5.831	1100 1987	5.269	950.0172	950.0174	.2
430 1987	5.517	1100 1987	5.269	670.0063	670.0064	.2

DESCRIPTION OF VANCOUVER BASE LINE

YEAR MEASURED: 1987
YEAR REMEASURED: 2002
LATITUDE: 45 40 19
LONGITUDE: 122 44 40
AZIMUTH: 000
CHIEF OF PARTY: GCP

THE BASE LINE IS LOCATED 8.0 KM (5.0 MI) WEST-NORTHWEST OF VANCOUVER, 8.0 KM (5.0 MI) WEST OF THE JUNCTION OF INTERSTATE 5 AND FOURTH PLAIN BLVD. (STATE ROUTE 501), ON THE WEST SIDE OF VANCOUVER LAKE, AND ALONG THE WEST SIDE RIGHT OF WAY OF STATE ROUTE 501.

THE BASE LINE IS A SOUTH-NORTH LINE WITH THE 0 POINT AT THE SOUTH END. THE CBL IS A FOUR POINT BASE CONSISTING OF THE 0, 150, 430, AND 1100 METER POINTS. ALL POINTS ARE SET ON LINE, WHICH RUNS PARALLEL TO STATE ROUTE 501, AND ALONG THE WEST SIDE RIGHT OF WAY.

TO REACH THE BASE LINE FROM THE JUNCTION OF INTERSTATE 5 AND FOURTH PLAIN BLVD. (STATE ROUTE 501, EXIT 1D), GO WEST ON FOURTH PLAIN BLVD. (STATE ROUTE 501) FOR 2.4 KM (1.5 MI) TO A SIDE ROAD RIGHT AND A TRAFFIC SIGNAL, FRUIT VALLEY ROAD. CONTINUE STRAIGHT AND GO WEST AND THEN NORTH ON STATE ROUTE 501 FOR 5.8 KM (3.6 MI) TO A "Y". STAY RIGHT AND GO NORTH FOR 0.32 KM (0.2 MI) ON STATE ROUTE 501 TO THE 0 METER POINT ON THE LEFT.

THE 0 METER POINT IS A STANDARD NGS CALIBRATION BASE LINE TAPING DISK WITH A PUNCH MARK AND IS STAMPED "0 1987", SET IN THE TOP OF A CONCRETE POST, MEASURING 30 CM. (12 IN.) IN DIAMETER AND FLUSH WITH THE SURFACE OF THE GROUND. IT IS 4.3 METERS (14.1 FT) EAST OF A WITNESS POST AND FENCE LINE, AND 11.2 METERS (36.7 FT) WEST OF THE CENTERLINE OF STATE ROUTE 501.

THE 150 METER POINT IS A STANDARD NGS CALIBRATION BASE LINE TAPING DISK WITH PUNCH MARK AND STAMPED "150 1987", SET IN THE TOP OF A CONCRETE POST, MEASURING 30 CM. (12 IN.) IN DIAMETER AND IS FLUSH WITH THE SURFACE OF THE GROUND. IT IS 4.9 METERS (16.1 FT) EAST OF A WITNESS POST AND FENCE LINE, AND 10.1 METERS (33.2 FT) WEST OF THE CENTERLINE OF STATE ROUTE 501.

THE 430 METER POINT IS A STANDARD NGS CALIBRATION BASE LINE TAPING DISK WITH PUNCH MARK AND IS STAMPED "430 1987", SET IN THE TOP OF A CONCRETE POST, MEASURING 30 CM. (12 IN.) IN DIAMETER AND IS FLUSH WITH THE SURFACE OF THE GROUND. IT IS 5.4 METERS (17.7 FT) EAST OF A WITNESS POST AND FENCE LINE, AND 10.0 METERS (32.8 FT) WEST OF THE CENTERLINE OF STATE ROUTE 501.

THE 1100 METER POINT IS A STANDARD NGS CALIBRATION BASE LINE TAPING DISK WITH PUNCH MARK AND IS STAMPED "1100 1987", SET IN THE TOP OF A CONCRETE POST, MEASURING 30 CM. (12 IN.) IN DIAMETER AND IS FLUSH WITH THE SURFACE OF THE GROUND. IT IS 1.7 METERS (6.6 FT) EAST OF A WITNESS POST, 8.5 METERS (27.9 FT) SOUTH OF THE CENTERLINE OF A PAVED ENTRANCE PAD, AND 9.5 METERS (31.5 FT.) WEST OF THE CENTERLINE OF STATE ROUTE 501.

USER NOTES: CBL USERS SHOULD TAKE CARE IN PLUMBING OVER ALL POINTS. ELEVATIONS ARE FOR CBL USE ONLY. TRAFFIC SAFETY MEASURES SHOULD BE TAKEN WHILE USING CBL. ALSO, ALL THE DISKS HAVE A HAND PUNCHED, INSTEAD OF A FACTORY DRILLED, COLLIMATION POINT.

THIS BASE LINE WAS ESTABLISHED IN CONJUNCTION WITH THE U.S. FOREST SERVICE, WASHINGTON D.O.T., CLARK COUNTY, CITY OF VANCOUVER, AND THE LAND SURVEYORS ASSOCIATION OF WASHINGTON. FOR MORE INFORMATION, CONTACT MR. DENNIS MOONIER, USFS, 319 S.W. PINE STREET, PORTLAND, OREGON, 97208, TELEPHONE 503-221-2796.
