

Geodetic Survey of Canada
DESCRIPTION OF CALIBRATION BASELINE

Name BELLEVILLE

Mid-Point

Established by Ministry of Natural Resources

Approx Lat. 44° 13' 48"

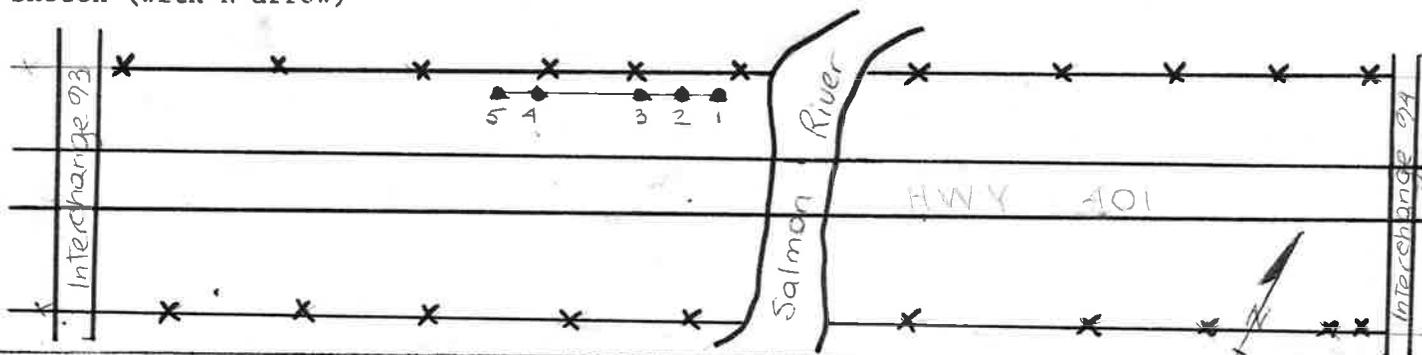
Dist & Dir from nearest city 16.6 km east of Intersection

HWY 14 and
HWY 401.

Approx Long -77° 11' 30"

Map Sheet 31 C/3

Sketch (with N arrow)



Description

The baseline at Belleville, Ontario is on right side of Highway 401 right-of-way approximately 0.3 km west of bridge over Hwy 401 above Salmon River.

The bridge is situated approximately 5.3 km east of interchange 93 (Shannonville sideroad and Hwy 401) and 5.6 km west of interchange 94 (Hwy 49)

The baseline is parallel to # 401 inside a fence on a # 401 right-a-way. It consists of five pillars constructed of concrete. The construction follows closely the plans suggested by Geodetic Survey of Canada for baseline pillars. They are all intervisable and are numbered from east to west (1-5).

NOTE: The reflex gear must be transported by personnel on foot with a backpack. Because of the nature of the four lane highway we can not drive back/forth on the shoulder or along the pillars.

Belleville
Pier 1 823031
Pier 2 823032
Pier 3 823033
Pier 4 823034
Pier 5 823035

THIS BASELINE WAS MEASURED IN 1983

Elevations of Tops of Piers and Approximate Distances of Piers from First Pier

Pier No	Elev	Dist
1	97.780 m	NIL m
2	98.611 m	100 m
3	100.709 m	302 m
4	109.246 m	1050 m
5	112.663 m	1308 m

Levelling Method Sprit

Order _____

Agency Horton, Wallace & Davies LTD.

Description prepared by

Robert Feeny

Date 83-06-01

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