

SURVEYING AND MAPPING DIVISION  
Alberta Survey Control Marker (ASCM) Information  
MASCOT DSS-1

Horz Datum NAD83 Updated: 1997-03-01  
Latitude 51 05 19.50000 dms  
Longitude 114 11 18.06000 dms  
Horz Class APPROXIMATE , ORDER U

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 5249  
Tablet Markings 66A048  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1074.399 m  
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey  
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 19-06-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet Horizontal Std PPM/ Grid/ Grnd  
To Markings Distance Dev Order Factor  
(m)(cm)

Grid Std T-t  
Bearing Dev Corr  
(dms) (s) (s)

Northing 5661409.763 m  
Easting -13195.168 m  
Convergence -0 08 47.61 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999736

GEOID DATA (GSD95) Updated: 20-01-09

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-12-06

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

BRASS CAP IN CONCRETE ABUTMENT/PIER

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2001-12-06

Originating Project 95158  
Published 97-03-01

CALGARY  
C.P.R. BRIDGE OVER BOWNESS ROAD,  
TABLET IN TOP OF SOUTHEAST CONCRETE ABUTMENT AT EAST CORNER OF BRIDGE,  
64CM FROM END AND 36CM FROM NORTHEAST EDGE, AT TRACK LEVEL.

Revising Project 98016  
Published 00-06-15

Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1997-02-13 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2020-01-08 NEW APPROXIMATE HORIZONTAL  
COORDINATES ADOPTED.  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2001-12-06 NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

2019-06-18 2020-01-08

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT

NGBD # 66A048  
NGBD NAME 66A048

00-06-15 0.005 m REVISED ELEVATION-BETTER INTEGRATION