

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 16.55065 dms
Longitude 114 02 40.58935 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 56721

Date Printed 2025-08-03
Last Updated 2013-07-31

Tablet Markings 2219.7

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1071.996 m
Vert Class INTEGRATED , SPIRIT LEVELS

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

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

Marker Condition GOOD 13-06-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5655740.782 m
Easting -3128.522 m
Convergence -0 02 04.87 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
274779 221200	107.537	1 158/3	0.999730	266 29 39.27	3.9	0.00
178830 D10	131.038	1 130/3	0.999732	324 57 09.18	10.1	0.00
271924 2219.6	216.168	1 74/2	0.999736	199 23 24.91	5.0	0.00
612 76A010	239.395	1 71/2	0.999735	233 51 55.83	4.8	0.00
72728 D12	244.106	1 70/2	0.999737	237 12 10.45	4.6	0.00
280446 2219.12	275.334	1 76/2	0.999738	183 20 59.28	6.1	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; FLUSH WITH GROUND.
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-06-24

Originating Project 69110 69110
Published 70-06-24 70-06-24

NORTH EAST CORNER OF 17 AVENUE AND BELLEVUE AVENUE SOUTH EAST; 1.75 M
EAST OF FACE OF CURB PRODUCED SOUTH; 4.0 M NORTH OF BACK OF WALK
PRODUCED WEST; 73.0 CM EAST NORTH EAST OF FACE OF CURB ON CURVE.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2013-06-13 2013-07-31
2003-11-25 2004-02-26
1991-06-21 1992-01-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 86

99-08-16 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 0 86