

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 43.18117 dms
Longitude 113 59 26.48574 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 54080

Tablet Markings 652+4.39

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1057.280 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654708.779 m
Easting 653.038 m
Convergence 0 00 26.06 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
246504 652+4.38	104.791	1 76/2	0.999738	277 27 50.12	5.4	0.00
280834 652+4.40	176.108	1 45/2	0.999740	89 46 28.12	4.0	0.00
180570 G46	331.275	1 36/2	0.999737	310 55 56.23	2.9	0.00
269084 652+4.36	347.257	1 35/2	0.999739	51 00 05.07	2.7	0.00
178368 652+4.41	362.816	1 28/1	0.999739	86 46 28.11	2.4	0.00
115568 C05	378.824	1 50/2	0.999736	284 34 13.77	4.1	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ VERT

Originating Project 73120 73120
Published 83-03-08 83-03-08

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

MARKER LOCATION

Updated: 1993-02-02

ON SE COR OF 28 AVE AT 29 ST SE; 4.6 M S OF EDGE S/S OF ASPHALT WALKWAY;
5.1 M E OF EDGE E/S OF ASPHALT WALKWAY; 8.8 M N OF WALL N/S OF HOUSE No3004 -
29A ST PROD W.

NON COORDINATE REVISIONS

1974-03-01 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1992-04-27 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56523 4 39

VERT

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.39 56523 4 39