

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 36.88810 dms
Longitude 114 09 03.14688 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 13979
Tablet Markings 652-8.150
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1140.960 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5654525.120 m
Easting -10583.824 m
Convergence -0 07 02.27 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
118422 652-8.148	105.198	1 76/2	0.999734	279 37 05.38	5.4	0.00
167783 652-8.157	178.571	1 45/2	0.999721	91 33 18.65	4.0	0.00
260380 652-8.156	244.139	1 45/2	0.999721	51 21 00.46	3.8	0.00
216408 652-8.151	245.158	1 45/2	0.999727	327 35 18.58	3.8	-0.01
151845 652-8.149	257.184	1 43/2	0.999726	269 50 50.47	3.6	0.00
170373 652-8.147	328.269	1 40/2	0.999727	181 08 02.46	3.3	0.01

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

MARKER TYPE Updated: 1973-04-26

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

Originating Project 72108 72108
Published 83-02-03 83-02-03

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98016
Published 00-06-15
Revising Project
Published

MARKER LOCATION

Updated: 1991-11-28

ON SE CORNER OF 44 ST. AND 30 AVE. SW.; 0.5 M. N OF B.O.W. ON S/S OF 30 AVE.;
7.3 M. E OF B.O.W. ON E/S OF 44 ST. PROD. N.; 6.2 M. NW OF POWER POLE.

NON COORDINATE REVISIONS

1973-04-26 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 1993-01-19 1993-07-05
MARKER REPORTED IN GOOD CONDITION 1991-04-15 1991-11-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 150

VERT

01-02-07 0.012 m ELEVATION REVISED AND REINTEGRATED
00-06-15 0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.150 56524 8 150