

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 23.46147 dms  
Longitude 114 02 25.87984 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 62356

Tablet Markings 2219.33

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

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1059.473 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-04-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654100.194 m  
Easting -2842.860 m  
Convergence -0 01 53.41 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
42085 2219.32	182.696	1	93/2	0.999742	270 50 46.95	3.1	0.00
73643 2218.9	258.447	1	54/2	0.999738	180 13 10.32	3.9	0.00
244889 2219.34	279.697	1	93/3	0.999733	358 08 09.10	4.5	0.00
42978 2219.40	305.247	1	59/2	0.999734	93 58 50.67	2.9	0.00
186270 2218.17	350.044	1	51/2	0.999737	210 13 52.00	4.3	0.00
340182 652-0.172	431.062	1	53/2	0.999733	214 52 12.89	4.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-01

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 5.3 s 2 s  
Geoid\_Ellip Separation -16.22 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-01

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

ON NE COR OF 34 AVENUE AND 9TH STREET S.E.; 6.6 M NORTH OF F.O.C. PROD. W.;  
5.0 M EAST OF F.O.C. PROD. S.; 6.3 M SE OF CB.

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  
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	2002-04-25	2002-04-30
MARKER REPORTED IN GOOD CONDITION	1992-03-30	1993-02-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 70

99-08-16 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 70