

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 23.54543 dms
Longitude 114 02 35.25138 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03

ASCM 42085

Tablet Markings 2219.32

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 1060.428 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 04-10-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654102.892 m
Easting -3025.489 m
Convergence -0 02 00.69 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62356 2219.33	182.696	1 93/2	0.999742	90 50 46.95	3.1	0.00
186270 2218.17	305.205	1 46/2	0.999737	178 47 31.64	2.9	0.00
73643 2218.9	318.129	1 57/2	0.999739	145 10 20.33	4.3	0.00
244889 2219.34	326.765	1 80/2	0.999735	32 05 12.79	5.4	0.00
340182 652-0.172	362.024	1 54/2	0.999732	190 08 43.27	4.1	0.00
267104 2219.3	402.950	1 62/2	0.999736	335 10 45.96	5.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2005-01-04

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.22 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-01

Originating Project 69103 69103
Published 70-10-06 70-10-06

ON NE COR OF 8TH STREET AND 34 AVENUE S.E.; 0.90 M EAST OF F.O.C. PROD. S.;
9.2 M NORTH OF F.O.C. PROD. W.; 1.6 M SE OF CB.

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

NON COORDINATE REVISIONS

1970-10-06 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	2004-10-12	2005-01-04
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 69

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 69