

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 01.33268 dms  
Longitude 114 04 41.70322 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03  
Date Printed 2025-08-03  
Last Updated 2017-03-20

ASCM 3566  
Tablet Markings 2017.36  
Mapsheet Name CALGARY G  
Mapsheet Number 5649 - 004  
Marker Condition GOOD 92-12-02

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1065.093 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5651564.607 m  
Easting -5492.438 m  
Convergence -0 03 38.93 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

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)
199638 649-4.238	175.013	1	74/2	0.999731	213 19 11.85	5.4	0.00
231498 649-4.235	306.287	1	42/2	0.999737	170 53 19.76	3.5	0.00
278572 649-4.250	310.296	1	42/2	0.999736	158 10 11.58	3.7	0.00
127209 2017.11	312.424	1	51/2	0.999737	66 45 47.37	3.7	0.00
114389 2017.35	324.664	1	40/2	0.999734	207 08 56.43	3.3	0.00
122366 2017.16	356.527	1	39/2	0.999734	262 38 53.25	3.3	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 1993-02-02

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND, 1 GP.

COORDINATE HISTORY

Originating Project 69102 69102  
Published 70-06-09 70-06-09

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project 75105  
Published 75-10-14  
Revising Project  
Published

MARKER LOCATION

Updated: 1992-01-28

ON N/S OF MEADOWVIEW RD AT MOOR ST SW; 3.3M N OF F.O.C.;  
11.2M E OF B.O.W.; 0.60M S OF E-W STEEL FENCE; 0.3M S OF GP.

NON COORDINATE REVISIONS

1970-06-09 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 CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1992-12-02	1993-02-02
MARKER REPORTED IN GOOD CONDITION.	1991-06-20	1992-01-28
MARKER REPORTED IN GOOD CONDITION	1990-07-27	1991-10-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 4 86

VERT

99-08-16 0.010 m ELEVATION REVISED AND REINTEGRATED  
75-10-14 0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 86