

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 59.33361 dms  
Longitude 114 04 45.60493 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 35337

Tablet Markings 649-4.237

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

Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1069.026 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 01-04-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5651502.919 m  
Easting -5568.577 m  
Convergence -0 03 41.96 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
114389 2017.35	238.322	1	50/2	0.999734	197 34 52.69	4.4	0.00
231498 649-4.235	271.082	1	48/2	0.999737	152 37 18.86	4.0	0.00
122366 2017.16	277.903	1	50/2	0.999733	273 19 03.26	4.2	0.00
260315 649-4.240	279.326	1	43/2	0.999737	217 11 57.44	3.8	0.00
278572 649-4.250	296.512	1	51/2	0.999737	139 45 35.59	4.2	0.00
198366 2017.14	319.654	1	59/2	0.999733	305 17 14.95	4.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-04-20

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

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1976-01-05

Originating Project 75105 75105  
Published 75-10-14 75-10-14

NW CORNER MALIBOU RD AND MOOR ST SW;  
5CM W OF B.O.W.; 36.1' W OF B.O.W. PROD S;  
42.0' W OF CATCH BASIN; 17.5' W OF E P/L HSE #30 MALIBOU RD.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-01-05 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

2001-04-06 2001-04-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 237

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.237 56494 4 237