

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 22.10933 dms
Longitude 114 02 51.83644 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 35824

Tablet Markings 643-0.119

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-03-21
Elevation 1046.101 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5644788.984 m
Easting -3354.722 m
Convergence -0 02 13.43 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
153957 220133	197.182	1	61/2 0.999741	341 39 34.00	4.3	0.00
271684 643-0.117	278.897	1	43/2 0.999737	153 23 58.11	3.6	0.00
258699 643-0.94	282.616	1	50/2 0.999739	346 57 37.80	3.2	0.00
246033 643-0.189	306.723	1	33/1 0.999736	188 39 21.54	2.6	0.00
104729 643-0.78	323.395	1	43/2 0.999739	273 01 51.32	3.2	0.00
174953 643-0.136	360.479	1	31/1 0.999736	226 20 35.12	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-21

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 73118 73118
Published 83-03-21 83-03-21

IN SIDEWALK ACROSS FROM HOUSE #1304 - ACADIA DR SE; 0.6 M E OF BOW ON CURVE; 2.0
M N OF S P/L FENCE PROD W; 21.4 M N OF LT.S.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1974-03-21 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
MARKER REPORTED IN GOOD CONDITION

2005-05-30 2006-06-19
1989-03-29 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 119

HISTORY 643+00.119 56434 0 119