

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 12.70341 dms
Longitude 113 56 30.01276 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 64535
Tablet Markings 655+8.57
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1060.990 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657476.543 m
Easting 4089.493 m
Convergence 0 02 43.31 dms
Station Ellipsoid Factor 0.999836
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)
255141 655+8.35	183.920	1	43/2	0.999738	150 51 35.18	3.4	0.00
212613 655+8.61	193.143	1	78/2	0.999738	21 36 35.76	6.1	0.00
139055 655+8.53	240.537	1	33/1	0.999734	353 58 58.98	2.9	0.00
177303 655+4.212	242.218	1	37/2	0.999737	229 01 02.42	3.3	0.00
186924 655+8.52	266.128	1	38/2	0.999739	70 57 59.69	3.1	0.00
85233 655+8.60	295.852	1	37/2	0.999737	58 58 16.42	3.2	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 3.9 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

MARKER TYPE

Updated: 2007-06-25

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

Originating Project 76019 76019
Published 76-10-31 76-10-31

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2007-06-25

LCOATED IN FRONT OF HOUSE #6120 - MADIGAN DR NE; 0.6 M W OF BOW E/SIDE MADIGAN D R; 2.7 M N OF S/WALL OF HOUSE #6120; 8.4 M SE OF LT.S.

NON COORDINATE REVISIONS

1976-12-01 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.

2006-10-16 2007-06-25
1989-03-01 1989-07-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 8 57

VERT

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+08.57 56553 8 57