

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 42.24436 dms  
Longitude 114 02 37.58422 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03  
Date Printed 2025-08-03  
Last Updated 2006-06-26

ASCM 12989  
Tablet Markings 643-0.41  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1971-05-25  
Elevation 1044.283 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-26

Scale Factor 0.999900 At Ref Mer 114

Northing 5645410.962 m  
Easting -3076.110 m  
Convergence -0 02 02.37 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
215186 643-0.42	107.880	1 158/3	0.999737	87 24 14.31	6.0	0.00
234799 643-0.48	170.056	1 106/2	0.999737	164 02 09.41	9.1	0.00
294918 643-0.40	170.753	1 88/2	0.999737	300 47 22.47	5.5	0.00
85845 643-0.39	286.535	1 63/2	0.999741	31 12 12.08	5.2	0.00
258814 643-0.49	328.174	1 61/2	0.999739	190 49 16.43	4.9	0.00
98053 643-0.92	342.471	1 53/2	0.999739	279 52 26.22	3.9	0.00

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

Component Magnitude Std Dev  
Meridian Defl, XI(+N) 3.9 s 2 s  
Prime Vert Defl, ETA(+E) 5.6 s 2 s  
Geoid\_Ellip Separation -16.08 m 1 m

MARKER TYPE

Updated: 1971-05-25

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED.

COORDINATE HISTORY

HORZ

VERT

Originating Project 70103 70103  
Published 71-05-25 71-05-25

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

MARKER LOCATION

Updated: 2006-06-26

IN SIDEWALK ON SE CORNER OF 120 AVE AT WATERTON WAY SE; 0.3 M S OF BOW PROD W; 4  
.30 M E OF BOW PROD N; 0.60 M SE OF BOW ON CURVE; 4.20 M SW OF CB.

NON COORDINATE REVISIONS

1971-05-25 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

2005-05-27 2006-06-26  
1989-03-21 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 41

VERT

HISTORY 643+00.41 56434 0 41