

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 05.88771 dms  
Longitude 114 09 24.35698 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 40733

Tablet Markings 655-8.126

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

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1143.030 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655422.051 m  
Easting -10995.221 m  
Convergence -0 07 18.80 dms  
Station Ellipsoid Factor 0.999823  
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor
13722 655-8.128	124.673	1	64/2 0.999730
112532 655-8.129	138.444	1	58/2 0.999721
221119 655-8.125	149.533	1	53/2 0.999731
50005 652-8.136	249.328	1	40/2 0.999721
1735 655-8.127	250.624	1	40/2 0.999725
276493 655-8.131	298.574	1	40/2 0.999725

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126 22 37.23	4.9	0.00
217 02 34.28	4.3	0.00
7 43 47.33	4.4	0.00
202 50 49.16	3.1	0.01
299 07 20.13	3.4	0.00
72 48 11.26	3.3	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

MARKER TYPE

Updated: 1993-01-26

ASC BRASS TABLET ON TOP OF 2" X 3' STEEL PIPE.  
FLUSH WITH GROUND

COORDINATE HISTORY

Originating Project 72108 72108  
Published 83-02-03 83-02-03

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-01-26

ON THE NE CORNER OF GATEWAY DRIVE AND BROVE HILL ROAD S.W.; 2.7 M EAST OF  
B.O.W. PROD. S.; 1.0 M NORTH OF B.O.W. PROD. W.; 4.2 M SW OF CB.

NON COORDINATE REVISIONS

1973-04-26 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

1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 126

VERT

00-06-15

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.126 56554 8 126