

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 25.20431 dms  
Longitude 114 05 08.86542 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 19927

Tablet Markings 655-4.198

Date Printed 2025-08-03  
Last Updated 2012-04-02

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1047.822 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 11-08-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5657864.698 m  
Easting -6014.692 m  
Convergence -0 04 00.23 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999739

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)
52589 655-4.192	194.296	1	51/2	0.999740	140 29 06.30	4.2	0.00
87809 655-4.191	228.802	1	48/2	0.999737	99 10 50.07	4.1	0.00
84194 655-4.200	291.738	1	31/1	0.999738	355 28 04.04	2.7	0.00
177220 655-4.196	376.451	1	32/2	0.999739	234 02 41.60	2.6	0.00
240150 655-4.190	382.616	1	29/1	0.999738	77 05 50.48	2.4	0.00
56242 655-4.201	391.382	1	31/2	0.999738	315 24 13.38	2.6	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 6.0 s 2 s  
Geoid\_Ellip Separation -16.19 m 1 m

MARKER TYPE

Updated: 1971-04-21

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1971-04-21

LOCATED ON 10 STREET NORTH WEST BETWEEN 4 AND 5 AVENUES; 0.35 M EAST OF EAST FACE OF WALK OF 10 STREET; 2.8 M SOUTH OF SOUTH BACK OF WALK OF 5 AVENUE PRODUCED EAST.

COORDINATE HISTORY

Originating Project 70106 70106  
Published 71-04-21 71-04-21

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

NON COORDINATE REVISIONS

1971-04-21 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	2011-08-26	2012-04-02
MARKER REPORTED IN GOOD CONDITION	2007-01-10	2007-01-30
MARKER REPORTED AS DESTROYED	2005-06-07	2006-06-28
MARKER REPORTED IN GOOD CONDITION	1998-10-13	1998-11-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 4 198

VERT

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-04.198 655-04 198