

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 20.35926 dms
Longitude 114 05 02.50990 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 52589

Date Printed 2025-08-03
Last Updated 2013-01-17

Tablet Markings 655-4.192

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1047.099 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: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5657714.846 m
Easting -5891.098 m
Convergence -0 03 55.28 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor
87809 655-4.191	152.679	1	46/1	0.999733
19927 655-4.198	194.296	1	51/2	0.999740
240150 655-4.190	342.848	1	26/1	0.999736
291500 A1	420.296	1	31/2	0.999738
177220 655-4.196	434.222	1	28/1	0.999740
84194 655-4.200	464.486	1	24/1	0.999738

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
42 02 31.54	3.8	0.00
320 29 06.30	4.2	0.00
46 39 17.30	2.2	0.00
192 09 22.47	2.5	0.01
260 34 12.73	2.4	0.00
341 35 29.56	1.9	-0.01

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: 1998-11-19

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY

HORZ

VERT

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

MARKER LOCATION

Updated: 1971-04-21

LOCATED ON SOUTH EAST CORNER OF 3 AVENUE AND 9 STREET NORTH WEST; 30.0
CM EAST OF EAST BACK OF WALK PRODUCED EAST; 1.2 M SOUTH OF SOUTH FACE
OF CURB PRODUCED EAST; 60.0 CM SOUTH EAST OF FACE OF CURB ON CURVE.

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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2011-08-26 2012-04-02
1998-10-13 1998-11-19
1996-11-05 1996-11-20
1992-11-27 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 4 192

VERT

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-04.192 655-04 192