

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 21.56380 dms
Longitude 114 02 39.17297 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 30098
Tablet Markings 2221.12
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1046.480 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657749.636 m
Easting -3099.723 m
Convergence -0 02 03.80 dms
Station Ellipsoid Factor 0.999839
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)
12872 2221.14	118.586	1	152/3	0.999735	0 34 53.06	4.3	0.00
11726 2221.24	302.583	1	66/2	0.999734	355 00 47.09	3.5	0.00
126151	345.072	1	68/2	0.999733	313 47 25.86	5.2	0.00
167668 220214	355.589	1	53/2	0.999736	303 34 58.67	4.2	0.00
49445 655-0.257	399.779	1	40/2	0.999740	272 45 49.78	2.3	0.00
280271 2221.27	467.179	1	43/2	0.999736	32 47 07.09	3.1	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) 5.4 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

MARKER TYPE

Updated: 2002-09-09

ASC BRASS TABLET SET IN CONCRETE SIDEWALK; FLUSH WITH GROUND
FLUSH W/GRD.

COORDINATE HISTORY

Originating Project 69111 69111
Published 70-10-19 70-10-19
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1970-10-19

SOUTH EAST CORNER OF 4 AVENUE AND 7A STREET NORTH EAST; 32.0 CM SOUTH
OF FACE OF SEPERATE WALK; 1.38 M EAST OF FACE OF SEPERATE WALK; 1.45 M
SOUTH EAST OF FACE OF CURB ON CURVE; 1.85 M EAST SOUTH EAST OF CATCH
BASIN.

NON COORDINATE REVISIONS

1970-10-19 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

2007-11-01 2007-11-28
2002-03-28 2002-09-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 217

VERT

99-10-21

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+00 217