

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 20.47386 dms
Longitude 114 02 54.97074 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03

ASCM 46102

Tablet Markings 2120.18A

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1042.262 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 86-09-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5655862.184 m
Easting -3408.613 m
Convergence -0 02 16.05 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
35907 655-0.284	190.319	1	95/2	0.999738	277 38 17.46	7.9	0.00
178830 D10	205.404	1	91/2	0.999739	93 57 07.31	7.6	0.00
99994 2120.19	209.997	1	86/2	0.999740	2 05 19.62	4.6	0.00
274779 221200	215.073	1	87/2	0.999740	126 31 34.51	7.3	0.00
72728 D12	264.504	1	83/2	0.999740	163 32 04.21	5.9	0.00
612 76A010	276.581	1	83/2	0.999737	161 42 18.53	6.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-15

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 4.0 CM BELOW GROUND LEVEL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-10-15

Originating Project 69108 69108
Published 70-10-15 70-10-15

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

ON SOUTH EAST CORNER OF 14 AVENUE AND 6 STREET SOUTH EAST; 3.0 M SOUTH
OF FACE OF CURB PRODUCED EAST; 13.1 M EAST OF BACK OF ROLLED CURB
PRODUCED SOUTH; 3.05 M EAST OF WEST GATE POST (FROST FENCE) OF DIRT
PATHWAY; 5.0 CM NORTH OF FROST FENCE PRODUCED EAST.

NON COORDINATE REVISIONS

1970-10-15 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 82

99-08-16

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 0 82