

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 14.42150 dms
Longitude 114 08 45.09169 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 13326

Tablet Markings 1723.38

Date Printed 2025-08-03
Last Updated 2020-01-08

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1110.002 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-05-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661246.083 m
Easting -10218.690 m
Convergence -0 06 48.58 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

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)
110205 1723.39	127.367	1	63/2	0.999732	179 12 48.35	5.0	0.00
95299 1723.36	176.533	1	62/2	0.999733	50 10 38.74	5.1	0.00
196519 1723.34	349.620	1	40/2	0.999730	18 24 52.10	2.9	-0.01
80986 1723.23	367.729	1	33/2	0.999731	246 05 33.69	2.6	0.00
68015 1723.25	382.049	1	29/1	0.999731	346 51 11.15	2.4	-0.01
45963 1723.32	476.091	1	29/2	0.999730	42 00 55.53	2.3	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

MARKER TYPE

Updated: 1993-11-18

ASC BRASS TABLET ON TOP OF 152CM IRON BAR.
5 CM BGL.

COORDINATE HISTORY

Originating Project 70107 70107
Published 70-12-23 70-12-23

Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2020-01-08

IN CENTER OF GRASSED AREA S OF 40 AVE AND E OF VARSLEA PL NW; IN LINE WITH C/L OF E-W WALKWAY; 1.4 M W OF THE W EDGE OF N-S WALKWAY;.

NON COORDINATE REVISIONS

1970-12-23 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

2019-05-09 2020-01-08
1993-07-05 1993-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 66

VERT

01-03-06

0.038 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 8 66