

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 28.10320 dms
Longitude 114 09 26.21130 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 58545

Tablet Markings 1722.22

Date Printed 2025-08-03
Last Updated 2022-03-03

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1070.860 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 12-04-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5659816.513 m
Easting -11021.966 m
Convergence -0 07 20.49 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
32482 1722.17	182.402	1	44/2 0.999732	57 32 56.23	3.3	0.00
234831 1722.18	223.149	1	45/2 0.999736	85 17 14.25	3.7	0.00
23598 1722.23	328.561	1	27/1 0.999735	317 23 05.52	2.3	-0.01
81737 1722.21	364.394	1	27/1 0.999738	142 45 53.08	2.3	0.01
145755 1722.13	404.468	1	25/1 0.999733	353 42 34.50	2.0	-0.01
10603 1722.14	443.401	1	25/1 0.999732	2 25 23.49	2.0	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

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

ON THE NW CORNER OF 21 AVE AND 46 ST NW; 0.5 M NW OF FOW ON CURVE; 0.4 M W OF BO
W PROD S; 1.8 M N OF BOW PROD E; 1.1 M NE OF CB.

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

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	2012-04-25	2012-05-28
MARKER REPORTED IN GOOD CONDITION	2007-10-12	2007-11-28
MARKER REPORTED IN GOOD CONDITION	2005-07-19	2006-06-19
MARKER REPORTED IN GOOD CONDITION	1989-02-06	1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 74

01-03-06

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 74