

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 58.41310 dms
Longitude 114 06 35.51953 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 4341
Tablet Markings 652-4.282
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1113.792 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 08-02-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655185.140 m
Easting -7706.150 m
Convergence -0 05 07.52 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
170365 652-4.275	143.610	1	90/2	0.999728 239 02 35.12	6.6	0.00
107508 655-4.241	159.024	1	75/2	0.999726 26 47 27.08	5.7	0.00
258806 652-4.278	196.663	1	66/2	0.999731 89 18 49.30	4.8	0.00
101378 655-4.243	265.977	1	41/2	0.999727 341 18 37.98	3.6	0.00
11205 652-4.283	268.716	1	52/2	0.999729 81 56 35.27	4.2	0.00
73064 652-4.270	291.926	1	51/2	0.999732 164 39 13.54	4.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-23

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-23

Originating Project 75120 75120
Published 83-08-10 83-08-10

ON SE COR OF 23 AVE AND 21 ST SW; 1.1M N OF B.O.W.; 4.8M E OF B.O.W. PROD N;
3.6M E OF CB; 3.0M NE OF LT.S.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-06-01 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	2008-02-27	2008-03-31
MARKER REPORTED IN GOOD CONDITION	1997-10-27	1997-11-12
MARKER REPORTED IN GOOD CONDITION.	1991-07-08	1992-01-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 282

00-06-15

-0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-04.282 56524 4 282