

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 27.52136 dms
Longitude 114 03 22.80890 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 49379
Tablet Markings 658-0.122
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.030 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-11-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5659788.275 m
Easting -3947.927 m
Convergence -0 02 37.78 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
37705 658-0.123	300.986	1 30/1	0.999735	180 07 20.76	2.3	0.00
110346 658-4.234	315.020	1 35/2	0.999735	309 32 56.54	3.0	0.00
159228 658-0.119	343.593	1 35/2	0.999733	53 30 43.11	3.0	0.00
114801 658-4.241	402.156	1 27/1	0.999734	217 38 12.45	2.2	0.00
284752 658-4.236	419.807	1 26/1	0.999735	270 12 15.23	2.0	0.00
42655 658-0.124	423.377	1 28/1	0.999734	138 52 14.99	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-11-19

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE, STAMPED 658/0.122.
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-08-10

Originating Project 71101 71101
Published 71-03-01 71-03-01

ON NW CORNER OF 24 AVE AND EDMONTON TRAIL NE; .25 M N OF B.O.W. PRODUCED E;
3.3 M W OF F OF SEP W PRODUCED S; 6.10 M NE OF CB; 5.1 M SSW OF PEDESTRIAN LTS.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-01-25 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

1998-11-09 1998-11-19
1993-04-22 1993-08-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 122

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00.122 56584 0 122