

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 04.12519 dms
Longitude 114 07 10.33340 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 38653
Tablet Markings 658-8.142
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1105.170 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660924.607 m
Easting -8375.138 m
Convergence -0 05 34.83 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
93039 658-8.141	147.710	1	74/2	0.999731	134 19 11.48	6.0	0.00
152462 658-8.139	181.501	1	55/2	0.999734	41 43 57.29	4.4	0.00
50674 658-8.137	223.156	1	40/2	0.999731	308 51 49.69	3.3	0.00
102681 658-8.109	226.000	1	49/2	0.999733	87 51 54.18	4.0	0.00
290759 190231	265.081	1	45/2	0.999728	152 56 43.12	3.5	0.00
155259 658-4.190	330.298	1	39/2	0.999733	71 09 23.75	3.2	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

MARKER TYPE

Updated: 1971-12-10

ASC BRASS TABLET SET IN CEMENT SIDEWALK.
LANDSCAPED.

COORDINATE HISTORY

HORZ VERT

Originating Project 71105 71105
Published 71-10-21 71-10-21

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

MARKER LOCATION

Updated: 2006-06-19

PM N/S OF RD NEAR HOUSE #2528 ON CHEROKEE DR NW; 1.6 M W OF E P/L FENCE PROD S;
1.3 M N OF BOW PROD W; IN LINE WITH BOW PROD E; 0.7 M N OF FOW ON CURVE.

NON COORDINATE REVISIONS

1971-12-10 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

2005-07-07 2006-06-19
1989-02-20 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 8 142

VERT

00-06-15

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-08.142 658-08 142