

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 54.16452 dms
Longitude 113 58 36.01942 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 63859
Tablet Markings 658+4.38
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.529 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658756.311 m
Easting 1635.113 m
Convergence 0 01 05.33 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

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)
125716 658+4.43	201.704	1	45/2 0.999729	145 50 56.39	3.7	0.00
177675 658+4.201	288.730	1	31/1 0.999735	350 05 25.15	2.4	0.00
84095 658+4.44	311.691	1	29/1 0.999734	125 40 41.04	2.4	0.00
74377 658+4.41	326.285	1	28/1 0.999734	212 27 47.05	2.3	0.00
48330 658+4.204	356.633	1	34/2 0.999736	0 47 30.46	2.7	0.00
2428 658+4.200	386.306	1	23/1 0.999735	42 43 17.46	2.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1988-10-31

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC BRASS TABLET SET IN CONCRETE SIDEWALK.
FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-10-07

Originating Project 73123 73123
Published 74-04-23 74-04-23

ON E/S OF RD. IN FRONT OF HOUSE #1420 MARLYN WAY NE; 0.90 M. W OF B.O.W.;
1.7 M. N OF THE N. WALL OF HOUSE PROD. W; 13.7 M. S OF LT. S.

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

NON COORDINATE REVISIONS

1974-01-16 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.

1994-01-04 1994-10-07
1988-09-26 1988-10-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 38

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.38 56583 4 38