

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 46.25717 dms
Longitude 113 57 00.18987 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 33316
Tablet Markings 658+4.140
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004
Marker Condition GOOD 88-09-27

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1069.405 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658512.906 m
Easting 3501.092 m
Convergence 0 02 19.86 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

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)
291617 658+4.134	197.631	1	40/2 0.999734	263 48 30.82	3.5	0.00
274431 658+4.141	209.572	1	62/2 0.999737	10 47 05.36	4.7	0.00
29884 658+4.138	266.261	1	30/1 0.999737	77 18 40.57	2.7	0.00
148080 658+4.135	271.730	1	37/2 0.999733	257 36 11.16	3.0	0.00
28324 658+4.131	318.664	1	47/2 0.999734	5 49 37.34	3.4	0.00
276170 655+4.222	360.921	1	30/1 0.999734	153 03 43.40	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-18

Originating Project 76019 76019
Published 76-10-31 76-10-31

LOCATED ON THE SOUTH EAST CORNER OF MADIGAN DRIVE AND MADEIRA ROAD NORTH EAST;
AT INTERSECTION OF BACK OF WALK'S.

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

NON COORDINATE REVISIONS

1976-12-01 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. 1988-09-27 1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 140

99-10-21

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.140 56583 4 140