

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 09.57153 dms
Longitude 113 58 27.08676 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 50195
Tablet Markings 655+4.312
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1070.025 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-04-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657378.468 m
Easting 1809.516 m
Convergence 0 01 12.26 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
57315 655+4.310	147.007	1 129/3	0.999739	235 13 38.73	10.7	0.00
39438 655+4.309	155.010	1 110/2	0.999738	202 00 23.34	9.5	0.00
200253 655+4.305	229.575	1 83/2	0.999738	182 20 03.38	6.2	0.00
182923 655+4.306	236.550	1 85/2	0.999739	166 18 30.85	5.3	0.00
91843 655+4.125	253.591	1 51/2	0.999733	79 16 06.36	2.9	0.00
74211 2520.29	307.012	1 42/2	0.999736	96 43 09.10	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-02

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM. BELOW GRL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1980-06-04

Originating Project 78040 78040
Published 83-08-18 83-08-18

ON S/S MEMORIAL DR BETWEEN 39 ST AND 44 ST SE;
1.0M S OF B.O.C. S/S MEMORIAL DR;
6.0M W OF B.O.W. W.; W LEG MARWOOD CIRCLE TANGENT PROD S;

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

NON COORDINATE REVISIONS

1980-06-04 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

1989-04-13 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 312

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.312 56553 4 312