

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 55.84437 dms
Longitude 113 57 20.35349 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 56754
Tablet Markings 655+4.149
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1060.218 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-08-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5656954.924 m
Easting 3109.423 m
Convergence 0 02 04.15 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
90563 655+4.259	108.937	1 147/3	0.999737	298 14 16.32	5.2	0.00
153601 655+4.150	159.540	1 44/1	0.999738	106 51 06.38	3.3	0.00
19984 655+4.200	191.088	1 37/1	0.999741	17 04 43.22	2.6	0.00
135178 655+4.198	227.318	1 40/2	0.999737	78 40 07.35	3.1	0.00
77362 655+4.202	243.211	1 41/2	0.999739	58 21 23.67	3.4	0.00
182691 655+4.247	253.329	1 39/2	0.999737	312 33 52.88	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-17

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

ON SE CORNER OF 5 AVE AND 52 ST SE; 1.65 M S OF B.O.W.; 13.6 M E OF B. OF SEP.
W; 0.4 M W OF W P/L BROWN FENCE OF NO 5303-5 AVE; 5.6 M E OF FH.

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

1999-08-12 2001-08-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 149

99-10-21

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.149 56553 4 149