

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 22.26334 dms
Longitude 113 56 48.44881 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 51003

Tablet Markings 655+4.127

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1059.813 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5657771.668 m
Easting 3730.239 m
Convergence 0 02 28.98 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
4705 655+4.223	182.555	1	44/2	0.999736	108 41 20.39	3.2	0.00
149252 655+4.126	217.917	1	37/1	0.999739	300 28 54.57	2.9	0.00
140525 655+4.130	246.911	1	36/2	0.999735	200 34 02.45	2.9	0.00
240 655+4.138	290.974	1	34/2	0.999739	291 18 40.16	2.5	0.00
92585 655+4.195	291.389	1	31/1	0.999737	181 42 29.65	2.5	0.00
249144 655+4.137	317.494	1	35/2	0.999737	265 52 43.16	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-01

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

AT GRADE LEVEL, IN CONC. WALK

COORDINATE HISTORY

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

MARKER LOCATION

Updated: 2007-06-25

LOCATED ON THE SOUTH WEST CORNER OF 4 AVENUE AND 59 STREET; 0.7 M NE OF BOW ON C URVE; 1.5 M S OF BOW S/S 4 AVE PROD E; 3.1 M W OF BOW W/SIDE 59 ST PROD N.

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

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN OCTOBER 1976.

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	2006-10-16	2007-06-25
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED	1994-01-03	1994-02-01
POSSIBLE VERTICAL MOVEMENT INDICATED BY PROJECT #88051.	1989-01-24	1989-01-27
MARKER REPORTED IN GOOD CONDITION.	1988-10-17	1988-11-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 127

VERT

99-10-21

0.009 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.127 56553 4 127