

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 20.36659 dms
Longitude 113 56 39.57332 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 4705

Tablet Markings 655+4.223

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 1061.035 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 5657713.187 m
Easting 3903.123 m
Convergence 0 02 35.88 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)
139055 655+8.53	161.225	1 50/2	0.999733	89 06 35.51	3.4	0.00
51003 655+4.127	182.555	1 44/2	0.999736	288 41 20.39	3.2	0.00
93344 655+8.46	250.768	1 36/1	0.999735	131 44 09.97	3.0	0.00
212613 655+8.61	263.813	1 57/2	0.999735	102 30 31.60	4.1	0.00
92585 655+4.195	295.234	1 34/2	0.999738	217 57 48.54	2.7	0.00
64535 655+8.57	301.301	1 33/1	0.999735	141 46 39.53	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.0 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 HORZ VERT

MARKER LOCATION

Updated: 2007-06-25

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

S.E. CORNER 4 AVENUE AND MADDOCK DRIVE N.E.; 0.2'
EAST OF BACK OF WALK ON CURVE; 0.1 M SE OF BOW ON CURVE; 2.1 M E OF BOW E/SIDE M
ADDOCK DR PROD N; 3.4 M S OF BOW S/SIDE 4 AVE PROD W.

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

2006-10-16 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 223

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.223 56553 4 223