

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 33.14896 dms
Longitude 113 59 18.63626 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 40766
Tablet Markings 2420.9
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1076.463 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5656252.776 m
Easting 805.748 m
Convergence 0 00 32.16 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
78337 2420.8	151.386	1	92/2	0.999737	269 25	22.96	4.7	0.00
110452 2420.18	264.115	1	45/2	0.999735	89 31	49.52	3.1	0.00
95083 2420.11.2	289.183	1	31/1	0.999732	3 07	11.11	2.7	0.00
241638 2420.17	317.473	1	44/2	0.999734	123 05	50.47	3.5	0.00
8896 2420.4	379.001	1	42/2	0.999734	276 40	52.28	3.0	0.00
224725 2420.14	379.200	1	34/2	0.999737	162 59	23.04	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-15

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 69106 69106
Published 70-10-15 70-10-15

LOCATED ON THE NW CORNER OF 12 AVE AND 32 ST SE; 3.58 M N OF N/BOW PROD E; 1.8 M
W OF W/BOW PROD S; 0.3 M NW OF BOW ON CURVE.

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

NON COORDINATE REVISIONS

1970-10-15 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 2006-10-24 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 75

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56553 4 75