

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 50.44789 dms
Longitude 113 58 11.47482 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 65-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 9274
Tablet Markings 2520.20
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.705 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5656787.672 m
Easting 2113.805 m
Convergence 0 01 24.40 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
150748 655+4.315	105.649	1 142/2	0.999729	191 59 24.67	5.8	0.00
100602 655+4.314	199.035	1 85/2	0.999734	239 46 31.14	7.2	0.00
2253 2520.30	240.347	1 54/2	0.999738	0 36 45.33	2.7	0.00
62448 655+4.300	272.831	1 66/2	0.999735	284 22 47.95	5.6	0.00
180018 655+4.319	275.207	1 69/2	0.999735	249 50 56.82	5.7	0.00
188219 655+4.313	275.609	1 69/2	0.999737	321 43 07.30	5.7	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) 4.2 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

ASC CAP ON REINFORCED CONCRETE CYLINDER
20 CM BGL.

COORDINATE HISTORY

HORZ

VERT

Originating Project 68103 68103
Published 70-10-15 70-10-15

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

MARKER LOCATION

Updated: 2007-06-25

LCOATED AT HOUSE #710 - 44 ST SE IN BACK LANE; 0.2 M S OF S P/L OF HOUSE #710; 1
.5 M E OF BOW E/SIDE 44 ST SE.

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

2006-06-05 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 40

VERT

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04 40