

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 24.08618 dms
Longitude 113 57 52.73087 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2006-06-16

ASCM 3707
Tablet Markings 655+4.113
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1070.832 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-05-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5657827.241 m
Easting 2478.393 m
Convergence 0 01 38.99 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
150151 655+4.114	118.541	1 67/2	0.999734	114 34 00.60	5.2	0.00
293225 655+4.121	161.123	1 93/2	0.999739	151 52 14.17	7.4	0.00
114249 655+4.112	188.629	1 48/2	0.999738	268 50 00.69	3.9	0.00
984 655+4.122	260.806	1 58/2	0.999735	171 22 45.08	4.2	0.00
263392 655+4.115	264.205	1 42/2	0.999734	97 58 12.44	3.3	0.00
43265 655+4.104	291.787	1 38/2	0.999732	4 34 59.19	3.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED, FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

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

ON S DIE OF MARYVALE DR IN FRONT OF HOUSE NO 5020 MARYVALE DR NE; 0.87 M S OF N
BOW; 3.5 M E OF W P'L OF HOUSE NO 5020.

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

2006-05-16 2006-06-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 113

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.113 56553 4 113