

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 34.22475 dms
Longitude 113 57 11.53848 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 35758

Tablet Markings 655+4.145

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1067.991 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658140.965 m
Easting 3280.359 m
Convergence 0 02 11.03 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
4069 655+4.192	174.768	1	46/2	0.999735	271 09 24.03	3.9	0.00
193185 655+4.143	197.316	1	46/2	0.999735	254 54 26.03	3.8	0.00
95356 655+4.196	218.572	1	55/2	0.999735	203 08 40.08	4.6	0.00
30312 655+4.142	266.605	1	45/2	0.999734	220 07 17.85	3.7	0.00
266676 655+4.140	283.553	1	39/2	0.999735	180 31 22.39	3.1	0.00
148080 658+4.135	316.859	1	32/1	0.999733	351 54 28.93	2.7	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) 4.1 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

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

LOCATED IN FRONT OF HOUSE #604 - MAIDSTONE DR NE; 0.5 M SE OF BOW ON CURVE; 1.9
M NW OF LT.S; 6.1 M NE OF FH.

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

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
MARKER REPORTED IN GOOD CONDITION.

2006-10-17 2007-06-25
1988-10-17 1988-11-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 145

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.145 56553 4 145