

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 25.69090 dms
Longitude 113 57 02.36159 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 240

Tablet Markings 655+4.138

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

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.855 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: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5657877.390 m
Easting 3459.232 m
Convergence 0 02 18.16 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
249144 655+4.137	136.413	1	59/2	0.999739	199 31 35.13	4.8	0.00
266676 655+4.140	182.595	1	44/2	0.999735	263 44 39.90	3.8	0.00
54684 655+4.136	240.983	1	37/2	0.999738	190 33 21.82	3.2	0.00
95356 655+4.196	272.143	1	37/2	0.999734	283 18 45.29	3.2	0.00
51003 655+4.127	290.974	1	34/2	0.999739	111 18 40.16	2.5	0.00
35758 655+4.145	318.624	1	35/2	0.999735	325 50 15.17	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

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

LOCATED ON THE SOUTH EAST CORNER OF 4 AVENUE AND 55 STREET; 0.3 M SE OF BOW ON C
URVE; 1.8 M S OF BOW S/SIDE 4 AVE PROD W; 4.4 M E OF BOW E/SIDE OF 55 ST PROD N.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 88051
Published 89-02-06
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.

2006-10-16 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 4 138

99-10-21 0.020 m REVISED ELEVATION-BETTER INTEGRATION
89-02-06 0.020 m REVISED ELEV. FROM SUSPECTED MARKER MOVEMENT

HISTORY 655+04.138 56553 4 138