

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 34.21065 dms
Longitude 114 05 22.99020 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 56242

Tablet Markings 655-4.201

Date Printed 2025-08-03
Last Updated 2016-05-27

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1053.542 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-04-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-05-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5658143.317 m
Easting -6289.412 m
Convergence -0 04 11.22 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
84194 655-4.200	252.031	1 40/2	0.999741	87 14 25.43	3.3	0.00
19927 655-4.198	391.382	1 31/2	0.999738	135 24 13.38	2.6	0.00
75713 655-4.218	393.590	1 53/2	0.999739	240 12 35.49	4.2	0.00
54288 658-4.37	409.644	1 29/1	0.999736	63 59 16.75	2.5	0.00
177220 655-4.196	500.622	1 28/1	0.999738	183 25 41.86	2.2	0.01
52589 655-4.192	585.167	1 22/1	0.999738	137 05 20.18	1.9	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2016-05-27

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.18 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED, 0.9 M N OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1971-04-21

Originating Project 70106 70106
Published 71-04-21 71-04-21

LOACTED ON THE SOUTH SIDE OF 8 AVENUE AND EAST OF 12 STREET NORTH WEST
(IN NORTH END OF RILEY PARK); 1.5 M SOUTH OF SOUTH FACE OF CURB OF
8 AVENUE; 136.0 M EAST OF EAST FACE OF CURB 12 STREET PRODUCED NORTH;
0.7 M NORTH OF MARKER POST.

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

NON COORDINATE REVISIONS

1971-04-21 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, CAP EFFACED.
MARKER REPORTED IN GOOD CONDITION

2016-04-06 2016-05-27
1989-04-05 1990-05-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 4 201

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-04.201 655-04 201