

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 15.78062 dms
Longitude 114 09 24.21568 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 43059

Tablet Markings 655-8.124

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1141.026 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655727.730 m
Easting -10991.818 m
Convergence -0 07 18.71 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
221119 655-8.125	158.472	1 50/2	0.999721	173 56 51.79	4.3	0.00
34959 655-8.158	233.708	1 47/2	0.999723	296 56 58.00	4.1	0.00
55483 655-8.123	250.523	1 32/1	0.999722	269 24 32.69	2.6	0.00
1735 655-8.127	288.472	1 45/2	0.999725	230 25 22.29	3.6	0.01
40733 655-8.126	305.782	1 36/2	0.999725	180 38 16.17	2.9	0.01
221036	344.092	1 52/2	0.999725	71 20 46.53	4.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-01-26

Meridian Defl, XI(+N) 3.0 s 2 s
Prime Vert Defl, ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72108 72108
Published 83-02-03 83-02-03

IN BLVD. ON SW CORNER OF 17 AVENUE AT GATEWAY DRIVE S.W.; 0.10 M NORTH OF FACE
OF SEP. WALK; 4.8 M WEST OF B.O.W. W/S PROD.N.; 1.9 M WEST OF CB.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-04-26 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

1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 124

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.124 56554 8 124