

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 03.42025 dms
Longitude 114 05 08.69591 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 51391

Date Printed 2025-08-03
Last Updated 2023-03-30

Tablet Markings 2019.46

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2001-02-26
Elevation 1073.429 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-11-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-03-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5655337.612 m
Easting -6014.332 m
Convergence -0 04 00.02 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
132522 2019.48	199.848	1 150/3	0.999736	335 01 48.20	8.3	0.00
248419 2019.14B	202.576	1 183/3	0.999732	101 59 27.03	15.4	0.00
83493 2019.53	327.103	1 116/3	0.999732	179 44 07.57	5.0	0.00
493452 0493452	414.097	1 75/3	0.999738	346 15 46.82	4.2	-0.01
135558 2019.39	414.177	1 94/3	0.999736	267 19 44.36	8.0	0.00
265744 2019.38	441.836	1 70/2	0.999737	294 51 48.29	5.3	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-06-24

Originating Project 68102 68102
Published 70-06-24 70-06-24

LOCATED ON THE SOUTH EAST CORNER OF DURHAM AVENUE AND 10 STREET SOUTH
WEST; 30.0 CM EAST OF EAST FACE OF CURB PRODUCED NORTH; 4.0 M SOUTH OF
SOUTH FACE OF CURB PRODUCED WEST; 3.0 M SOUTH EAST OF BACK OF WALK ON
CURVE.

Revising Project NAD83 21001
Published 94-05-24 01-02-26
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
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

1992-11-28 1993-02-02
1989-04-07 1990-05-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 4 124

01-02-26 0.033 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 4 124