

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 09.24374 dms
Longitude 114 01 30.12414 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 21055
Tablet Markings 2219.49
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1039.254 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 86-11-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655514.354 m
Easting -1755.830 m
Convergence -0 01 10.08 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
53108 2319.10	178.150	1	163/3 0.999739	47 27 58.94	13.8	0.00
18457	227.677	1	121/3 0.999740	227 57 43.36	9.7	0.00
164889 2319.8	377.274	1	64/2 0.999738	101 41 44.22	5.4	0.00
111195 2219.53	412.472	1	58/2 0.999739	299 52 47.43	4.6	0.00
250027 2220.8	441.940	1	57/2 0.999741	310 44 08.90	4.2	0.00
208322 2319.3	477.322	1	52/2 0.999740	75 26 50.58	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 55.0 CM BELOW GROUND LEVEL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-06-24

Originating Project 69110 69110
Published 70-06-24 70-06-24

EAST SIDE OF 15 STREET AT 19 AVENUE SOUTH EAST; 2.6 M EAST OF FACE OF
CURB; 11.0 M SOUTH SOUTH EAST OF CATCH BASIN; 25.4 M SOUTH OF RAILROAD
CROSSING WARNING LIGHTS.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 99

99-08-16

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 0 99