

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 13.14171 dms
Longitude 114 01 23.38966 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 53108

Tablet Markings 2319.10

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1035.273 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-07-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655634.756 m
Easting -1624.589 m
Convergence -0 01 04.84 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
21055 2219.49	178.150	1 163/3	0.999739	227 27 58.94	13.8	0.00
164889 2319.8	309.025	1 84/3	0.999740	129 35 00.36	3.6	0.00
208322 2319.3	330.733	1 79/2	0.999742	90 05 10.04	5.1	0.00
73957 F2	392.081	1 71/2	0.999740	49 19 06.48	5.9	0.00
18457	405.824	1 78/3	0.999738	227 44 40.04	6.7	0.00
185900 2319.13	467.743	1 64/2	0.999742	144 20 52.72	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-09-20

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC BRASS TABLET SET IN CONCRETE SIDEWALK.
FLUSH WITH GROUND.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-09-20

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

LOCATD ON 9 AVENUE AND WEST OF 16 STREET WEST OF C.P.R. OVERPASS BRIDGE;
35.65 M NORTH WEST OF FACE OF CURB (NOT AT RIGHT ANGLES) OF THE WEST SIDE OF
16 STREET PRODUCED NORTH; 6.63 M NORTH WEST OF OVERPASS BRIDGE PILLAR; 90.0 CM
NORTH EAST OF FACE OF CURB WHERE IT DROPS TO ROADWAY.

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

MARKER REPORTED IN GOOD CONDITION.

1989-07-21 1989-09-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 115

99-08-16

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 0 115