

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 50.46417 dms
Longitude 114 04 03.22346 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03

ASCM 23663

Tablet Markings 2118.30

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1067.796 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-02-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653081.991 m
Easting -4740.797 m
Convergence -0 03 09.06 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
297481 2118.24	228.612	1 105/3	0.999736	40 05 37.25	8.0	0.00
246413 2118.46	269.574	1 100/3	0.999733	203 50 04.37	8.3	0.00
184267 2118.44	315.575	1 70/2	0.999735	163 24 38.93	5.2	0.00
205070 2118.47	349.083	1 89/3	0.999735	187 07 24.12	4.0	0.00
141598 D50A	365.047	1 71/2	0.999737	231 19 55.83	5.6	0.00
193854 2118.32	377.040	1 74/2	0.999736	92 13 00.84	6.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1970-06-24

Originating Project 69104 69104
Published 70-06-24 70-06-24

LOCATED ON THE NORTH EAST CORNER OF STANLEY ROAD AND STANLEY DRIVE
SOUTH WEST; 60.0 CM NORTH OF BACK OF WALK; 5.0 M EAST OF THE WEST
PROPERTY LINE (SMALL FENCE) OF LANE PRODUCED NORTH; 7.7 M WEST OF
LIGHT STANDARD.

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
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

1992-02-12 1992-11-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 202

99-08-16

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 202