

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 58.72585 dms
Longitude 114 06 48.78124 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 34744

Tablet Markings 652-4.273

Date Printed 2025-08-03
Last Updated 2019-01-31

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1103.434 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-08-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5655195.195 m
Easting -7964.521 m
Convergence -0 05 17.83 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
170365 652-4.275	159.207	1	82/2	0.999730	121 48 52.68	6.9	0.00
101378 655-4.243	297.514	1	40/2	0.999732	35 36 18.70	3.4	0.00
3848 655-4.245	363.565	1	36/2	0.999731	359 41 42.46	2.9	-0.01
255018 655-4.246	550.998	1	27/1	0.999731	358 22 51.69	2.3	-0.01
29355	661.952	1	30/2	0.999729	39 11 54.78	2.4	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	3.0 s	2 s
Prime Vert Defl, ETA(+E)	6.4 s	2 s
Geoid_Ellip Separation	-16.09 m	1 m

MARKER TYPE

Updated: 1992-01-23

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	72111 70-06-24	72111 70-06-24
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1992-01-23

ON E/S OF 22 ST AT 23 AVE SW; 3.6M E OF F.O.C.; 1.5M S OF B.O.W. PROD E;
12.6M NE OF CB.

NON COORDINATE REVISIONS

Date	Description
1973-02-06	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.

Inspected	Updated
2014-08-26	2014-09-30
1991-07-08	1992-01-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 273

VERT

01-02-07

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-04.273 56524 4 273