

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 51.46018 dms
Longitude 114 02 40.27239 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 66-03

ASCM 4648

Tablet Markings A18

Date Printed 2025-08-03
Last Updated 2019-01-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.080 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-06-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5656819.463 m
Easting -3121.695 m
Convergence -0 02 04.64 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Grid Order	Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
20420 22,20,27	134.815	1	193/3	0.999738	13 25 10.83	5.7	0.00
288415 A19	287.883	1	45/2	0.999737	61 00 18.80	3.1	0.00
123448 A17	290.614	1	38/2	0.999740	311 04 19.07	2.3	0.00
153254 2220.29	445.862	1	45/2	0.999739	324 07 29.61	2.9	0.00
225334	467.258	1	98/3	0.999735	351 56 35.96	7.9	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.7 s	2 s
Prime Vert Defl,ETA(+E)	5.4 s	2 s
Geoid_Ellip Separation	-16.25 m	1 m

MARKER TYPE

Updated: 2007-06-22

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	69111 70-10-19	69111 70-10-19
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2016-03-21

LOCATED AS WEST END OF ST PATRICKS ISLAND; +/- 100 M E OF FOOT BRIDGE; 17 M NORT
H OF NORTH EDGE OF ASPHALT PATH; 0.60 M S OF MARKER P
OST.

NON COORDINATE REVISIONS

Date	Description
1970-10-19	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	2015-06-04	2016-03-21
MARKER REPORTED IN GOOD CONDITION	2006-11-09	2007-06-22
MARKER REPORTED IN GOOD CONDITION	1990-02-12	1990-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 49

VERT

99-08-16

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+00 49