

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 50.63960 dms  
Longitude 114 13 20.94830 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2020-07-28

ASCM 19885  
Tablet Markings 661-12.81  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 1983-04-29  
Elevation 1071.381 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-03-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662378.637 m  
Easting -15583.687 m  
Convergence -0 10 23.31 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999738

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)
180000 661-12.80	163.037	1	92/2	0.999737	179 17 50.26	7.4	0.01
48900 661-12.79	197.230	1	71/2	0.999735	145 15 56.59	6.1	0.01
40428 661-12.83	349.992	1	48/2	0.999733	212 34 09.36	2.9	0.01
217620 661-12.78	373.628	1	40/2	0.999738	118 39 54.87	3.3	0.01
45393 661-12.85	469.230	1	34/2	0.999739	123 26 11.93	2.9	0.01
119024 B48	550.096	1	27/1	0.999739	80 51 39.22	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2020-01-08

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2020-01-08

Originating Project 72106 72106  
Published 83-04-29 83-04-29

6 M S OF WIDE ASPHALT PATH IN BOWNESS PARK NW; 17 M NE OF PARK BENCH; 152 M W OF GATE AT W END OF BOWNESS PARK PARKING LOT.

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1973-06-19 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	2019-03-13	2020-01-08
MARKER REPORTED IN GOOD CONDITION	1993-10-26	1994-02-04
MARKER REPORTED IN GOOD CONDITION.	1988-11-08	1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 81

HISTORY 56614 12 81