

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 42.31219 dms  
Longitude 114 13 00.78923 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

Date Printed 2025-08-03  
Last Updated 2020-07-28

ASCM 45393

Tablet Markings 661-12.85

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 1983-04-29  
Elevation 1078.562 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-09-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662120.152 m  
Easting -15192.219 m  
Convergence -0 10 07.60 dms  
Station Ellipsoid Factor 0.999834  
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)
217620 661-12.78	101.759	1 118/2	0.999738	321 13 10.57	5.5	0.00
228312 661-12.86	206.664	1 58/2	0.999734	125 46 44.54	3.6	0.00
15719 661-12.76	264.940	1 72/2	0.999734	56 48 45.30	6.0	-0.01
48900 661-12.79	295.391	1 47/2	0.999739	289 03 40.96	3.3	0.00
44412 661-12.87	346.046	1 38/2	0.999734	131 59 24.34	2.7	0.01
119024 B48	377.664	1 40/2	0.999737	23 39 25.95	3.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2002-10-27

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.94 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-03

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

ON SW COR. OF 36 AVE. AT 88 ST. NW; 1.4 M S OF B.O.W. PROD. E;  
2.7 M W OF B.O.W. PROD. N; 0.20 M SW OF B.O.W. ON CURVE; 4.6 M  
SE OF CB. .

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  
MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

2002-09-23 2002-10-27  
1993-09-21 1994-02-03  
1988-10-12 1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 85

HISTORY 56614 12 85