

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 45.40648 dms  
Longitude 114 13 15.14916 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

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

ASCM 48900

Tablet Markings 661-12.79

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 1983-04-29  
Elevation 1082.698 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662216.596 m  
Easting -15471.341 m  
Convergence -0 10 18.79 dms  
Station Ellipsoid Factor 0.999833  
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)
180000 661-12.80	110.381	1 118/2	0.999729	269 30 41.09	5.5	0.00
19885 661-12.81	197.230	1 71/2	0.999735	325 15 56.59	6.1	-0.01
217620 661-12.78	216.140	1 51/2	0.999739	94 32 56.45	3.2	0.00
45393 661-12.85	295.391	1 47/2	0.999739	109 03 40.96	3.3	0.00
40428 661-12.83	328.823	1 45/2	0.999733	246 10 01.06	3.6	0.01
228312 661-12.86	496.889	1 28/2	0.999737	115 55 57.73	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-03

Meridian Defl,XI(+N) 2.6 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  
3 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-03

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

ON N/S OF RD. IN FRONT OF HOUSE #9040 48 AVE. NW; 1.5 M N OF B.O.W.;  
1.3 M E OF W P/L FENCE PROD. S; 7.3 M W OF POW.P. .

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.

1993-09-21 1994-02-03  
1988-10-12 1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 79

HISTORY 56614 12 79