

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 47.54228 dms
Longitude 114 03 11.33108 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 55269

Tablet Markings 658-0.100

Date Printed 2025-08-03
Last Updated 2016-04-08

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1080.364 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 09-04-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658552.772 m
Easting -3725.389 m
Convergence -0 02 28.82 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
18895 658-0.199	179.063	1	67/2	0.999729	184 54 35.96	3.8	0.00
27201 655-0.249	395.352	1	28/1	0.999731	181 24 23.64	2.2	0.00
60251 658-0.128	486.056	1	25/1	0.999733	332 28 47.98	2.2	0.00
179085 2221.49	520.630	1	31/2	0.999735	90 05 30.11	2.6	0.00
179911 2221.47	610.867	1	33/2	0.999734	119 57 18.57	2.6	0.00
71035 658-0.126	617.499	1	23/1	0.999734	3 22 48.74	1.7	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2003-01-28

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3CM AGL.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1992-01-27

Originating Project 70106 70106
Published 71-04-21 71-04-21

ON S.E. COR. OF 12TH AVE. & 4TH ST. N.E.;
0.4 M S OF B.O.W.; 0.8M W OF F.OF SEP. W;
1.5M SE OF F.O.C. ON CURVE.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 83024
Published 83-12-14
Revising Project
Published

NON COORDINATE REVISIONS

1971-04-21 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, CAP EFFACED.	2009-04-30	2009-06-30
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.	2002-08-06	2003-01-28
MARKER REPORTED IN GOOD CONDITION	2002-03-30	2002-09-09
MARKER REPORTED IN GOOD CONDITION	1993-04-19	1993-08-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT
83-12-14 235 07 12 0.058 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 100

00-06-15 0.037 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00 100