

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 23.18310 dms
Longitude 114 08 54.46171 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2014-06-02

ASCM 20990
Tablet Markings 655-8.163
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008
Marker Condition GOOD 14-05-12

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1138.447 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114
Northing 5655955.262 m
Easting -10411.702 m
Convergence -0 06 55.59 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999726

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)
296806 655-8.162	146.010	1	82/2	0.999729	264 13 44.07	4.5	0.00
176826 655-8.169	184.470	1	54/2	0.999728	0 11 43.51	3.6	0.00
221036	280.112	1	68/2	0.999724	245 11 24.43	5.8	0.00
4242 655-8.134	292.093	1	38/2	0.999725	217 09 03.14	3.1	0.01
215558 655-8.168	297.748	1	37/2	0.999726	47 28 38.97	3.2	-0.01
172361 655-8.166	334.680	1	39/2	0.999725	90 38 29.36	2.8	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

MARKER TYPE Updated: 1993-02-02
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND, LANDSCAPED.

COORDINATE HISTORY

HORZ VERT
Originating Project 72107 72107
Published 83-03-03 83-03-03
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1994-01-24
MON. IS LOCATED ON THE NW COR. OF 15 AVE. AND 42 ST. SW;
2.6 M N OF B.O.W. N/S PROD. E; 2.1 M W OF B.O.W. W/S PROD. S;
1.0 M NW OF B.O.W. ON CURVE; 4.8 M S OF FH. .

NON COORDINATE REVISIONS

1972-05-10 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	2014-05-12	2014-06-02
MAREKR REPORTED IN GOOD CONDITION	2012-11-06	2012-12-28
MARKER REPORTED IN GOOD CONDITION	2011-02-14	2011-03-31
MARKER REPORTED IN GOOD CONDITION	1993-07-22	1994-01-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 163

VERT 00-06-15 0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.163 56554 8 163