

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 21.28821 dms  
Longitude 114 03 04.65189 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-03  
Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 35907  
Tablet Markings 655-0.284  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1042.041 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 84-12-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5655887.474 m  
Easting -3597.194 m  
Convergence -0 02 23.58 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
46102 2120.18A	190.319	1	95/2	0.999738		97 38 17.46	7.9	0.00
284836 655-0.285	212.639	1	52/2	0.999742		2 28 19.21	3.7	0.00
99994 2120.19	269.425	1	52/2	0.999742		46 45 47.17	4.2	0.00
72728 D12	383.798	1	44/2	0.999737		136 37 15.25	3.7	0.00
274779 221200	392.627	1	30/2	0.999737		112 58 59.85	2.6	0.00
178830 D10	395.519	1	30/2	0.999737		95 43 29.37	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1985-07-23

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.5 s 2 s  
Geoid\_Ellip Separation -16.23 m 1 m

ASC BRASS TABLET SET IN CONC SIDEWALK.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1985-07-23

Originating Project 83008 83008  
Published 85-07-23 85-07-23

ON NW COR OF 14 AVE AND 5 ST SE; 80CM NW OF F.O.C. ON CURVE; 1.90M  
W OF F.O.C. PROD S; 2.20M N OF F.O.C. PROD N; 2.95M NE OF DOUBLE CB.  
LOC REV 84/12/04

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1985-07-23 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 284

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 0 284