

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 49.59049 dms  
Longitude 114 11 09.45660 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-11  
Date Printed 2025-08-03  
Last Updated 2022-03-03

ASCM 43331  
Tablet Markings 655-12.81  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1222.896 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 00-11-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5656777.203 m  
Easting -13039.440 m  
Convergence -0 08 40.61 dms  
Station Ellipsoid Factor 0.999811  
Station Combined Factor 0.999713

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)
136747 655-12.84	379.302	1	53/2	0.999716	78 19 56.52	4.2	0.00
987065 987065	452.674	1	35/2	0.999713	192 04 35.33	3.0	0.01
207233 655-12.30	582.311	1	29/2	0.999715	112 13 09.23	2.5	0.01
189670 655-12.95	586.366	1	36/2	0.999716	90 06 54.15	3.0	0.00
161141 655-12.89	613.806	1	26/1	0.999715	133 19 44.75	2.2	0.01
263996 655-12.90	660.183	1	29/2	0.999713	6 21 42.34	2.4	-0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2000-11-27

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.94 m 1 m

ASC BRASS TABLET IN CONC SIDWALK MEDIAN; FLUSH WITH GROUND.  
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1986-11-18

Originating Project 82045 82045  
Published 83-07-18 83-07-18

AT INTERSECTION OF STRATHCONA DRIVE AND STRATHCONA BLVD. N/W; IN  
N/S MEDIAN OF STRATHCONA BLVD. NORTH OF STRATHCONA DR.; 0.40M N OF  
F.O.C. SOUTH END OF BULLNOSE; 0.40M W OF F.O.C. EAST SIDE OF MEDIAN.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 92008 92008  
Published 92-11-05 92-11-05  
Revising Project  
Published

NON COORDINATE REVISIONS

1983-06-28 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	2000-11-16	2000-11-27
MARKER REPORTED IN GOOD CONDITION	1999-11-24	1999-12-10
MARKER REPORTED IN GOOD CONDITION	1995-02-09	1995-07-05
MARKER REPORTED IN GOOD CONDITION	1993-07-22	1994-01-18

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12 81

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT  
92-11-05 197 37 03 0.052 m MOVEMENT DETECTED

VERT

00-06-15 0.021 m REVISED ELEVATION-BETTER INTEGRATION  
92-11-05 -0.020 m REVISED ELEVATION-MOVEMENT SUSPECTED

HISTORY 56554 12 81