

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 33.15794 dms  
Longitude 114 02 11.93030 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03

ASCM 49114

Tablet Markings D4

Date Printed 2025-08-03  
Last Updated 2003-03-12

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1040.797 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-08-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5656253.629 m  
Easting -2569.945 m  
Convergence -0 01 42.59 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor
70789 655-0.291	240.695	1	46/2	0.999737
99796 2220.3	269.548	1	52/2	0.999739
217091 655-0.293	387.195	1	31/2	0.999737
133983 A23A	407.386	1	49/2	0.999740
11643 D8	460.047	1	35/2	0.999739
53728 A28	507.693	1	35/2	0.999739

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
155 08 45.90	3.8	0.00
208 51 17.81	4.4	0.00
177 54 02.94	2.5	0.00
44 41 05.50	3.1	0.00
262 42 06.54	2.4	0.00
105 17 13.37	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-12-24

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.2 s 2 s  
Geoid\_Ellip Separation -16.26 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-10-19

	HORZ	VERT
Originating Project	69111	69111
Published	70-10-19	70-10-19
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

IN EAST SIDE OF 11 STREET AT DOG LEG AND NORTH OF 9 AVENUE SOUTH EAST;  
55.0 CM WEST OF FACE OF SEPERATE WALK; 33.0 CM SOUTH EAST OF FACE OF  
SEPERATE WALK PRODUCED SOUTH WEST; 15.65 M SOUTH OF NORTH WEST  
PROPERTY LINE OF LANE (TAKEN WHERE IT MEETS THE BACK OF SEPERATE WALK.

NON COORDINATE REVISIONS

	1970-10-19	2003-03-12
FIRST MARKER LOCATION		
DESCRIPTION ENTERED		
"MAPSHEET NAME" AND/OR		
"MAPSHEET NO" CHANGED		

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

1992-08-10 1993-02-02  
1991-06-26 1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 61

99-08-16

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+00 61