

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 31.25910 dms  
Longitude 114 02 35.34800 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03

ASCM 11643

Tablet Markings D8

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

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1049.086 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 13-06-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5656195.203 m  
Easting -3026.146 m  
Convergence -0 02 00.80 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999738

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)
99796 2220.3	371.468	1	51/2	0.999736	118 34 07.65	3.9	0.00
178830 D10	390.067	1	36/2	0.999735	207 05 35.57	2.4	0.00
99994 2120.19	394.652	1	46/2	0.999738	251 48 08.39	3.7	0.00
49114 D4	460.047	1	35/2	0.999739	82 42 06.54	2.4	0.00
56721 2219.7	465.934	1	43/2	0.999735	192 41 46.09	3.6	0.00
35451 222200	472.204	1	51/2	0.999736	183 08 54.37	4.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2013-07-31

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.3 s 2 s  
Geoid\_Ellip Separation -16.25 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3 CM BGL, 0.3 M EAST OF GP, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-07-05

Originating Project 69111 69111  
Published 70-10-19 70-10-19

ON EDGE OF HILL OF LANE W OF 8TH ST. SE & N. OF MACDONALD AVE. SE.;  
1.4 M. N OF P/L OF # 1005 PROD. W ; 13 30 M. W OF N-S POWER LINE;  
2.10 M. NW OF STEEL GUARD RAIL.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-10-19 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	2013-06-13	2013-07-31
MARKER REPORTED IN GOOD CONDITION	1994-11-01	1994-12-01
MARKER REPORTED IN GOOD CONDITION	1994-09-30	1994-12-02
MARKER REPORTED IN GOOD CONDITION	1991-01-04	1991-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 65

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+00 65