

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 53.38048 dms  
Longitude 114 05 40.93295 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 64139  
Tablet Markings 2017.21  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1094.514 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5651320.245 m  
Easting -6647.570 m  
Convergence -0 04 24.95 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
270264 200172	108.148	1 139/2	0.999728	183 20 27.62	6.1	0.00
1941 D84	127.891	1 149/3	0.999730	350 42 32.80	7.1	0.00
131854 2017.20	197.583	1 66/2	0.999732	99 04 38.64	4.9	0.00
282046 2017.27	293.949	1 61/2	0.999734	142 19 49.27	5.0	0.00
188490 2017.19	350.559	1 48/2	0.999733	70 30 58.65	3.9	0.00
159814 2017.26	395.153	1 48/2	0.999733	146 02 16.39	3.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 3.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.4 s 2 s  
Geoid\_Ellip Separation -16.08 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL, 0.45 M W OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 69102 69102  
Published 70-06-09 70-06-09

IN PARK N OF AN E/W LANE JUST S OF BEVERLY PL SW; 69.4 M N OF BROWN FENCE ON  
THE N/S OF LANE PROD W; 8.6 M E OF N/S POW L; 19.0 M SE OF 3RD POW.P N OF  
CENTRE OF LANE.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98014  
Published 99-08-16  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-06-09 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

1992-12-03 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 71

01-02-07 -0.009 m ELEVATION REVISED AND REINTEGRATED  
99-08-16 0.035 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 71