

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 59.49630 dms  
Longitude 114 00 35.11079 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 67520

Tablet Markings 640-0.113

Date Printed 2025-08-03  
Last Updated 2019-03-25

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1005.544 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642235.299 m  
Easting -685.797 m  
Convergence -0 00 27.25 dms  
Station Ellipsoid Factor 0.999845  
Station Combined Factor 0.999745

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
72322 640-0.114	178.363	1 62/2	0.999746	2 49 54.91	5.2	0.00
276774 640-0.115	206.194	1 63/2	0.999745	30 25 06.72	5.2	0.00
88740 640-0.112	243.537	1 62/2	0.999746	271 16 53.23	5.0	0.00
44677 640-0.116	280.757	1 53/2	0.999744	19 50 02.07	4.4	0.00
245928 640-0.121	290.367	1 52/2	0.999745	94 15 49.73	3.6	0.00
26567 640-0.120	311.462	1 48/2	0.999744	66 49 19.70	3.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-06-14

Meridian Defl,XI(+N) 4.1 s 2 s  
Prime Vert Defl,ETA(+E) 5.2 s 2 s  
Geoid\_Ellip Separation -16.08 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-23

Originating Project 79040 79040  
Published 83-08-19 83-08-19

IN CURB ON SE CORNER OF THE SE LEG OF DEER RUN CRES SE AT THE LANE; 0.9 M E OF B  
ORC E/S PROD S; 0.55 M N OF S P/L OF LANE; 1.8 M NE OF CB.

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

NON COORDINATE REVISIONS

1981-06-14 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  
MARKER REPORTED IN GOOD CONDITION.

2005-06-27 2006-06-23  
1989-02-09 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 113

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.113 56404 0 113