

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 40.80402 dms
Longitude 114 07 54.04995 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 81-05

ASCM 50278

Tablet Markings 649-8.84

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1099.744 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-07-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650935.628 m
Easting -9243.801 m
Convergence -0 06 08.38 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
252932 649-8.38	120.985	1 198/3	0.999731	188 35 58.75	5.3	0.00
242636 649-8.81	184.331	1 71/2	0.999728	354 13 17.29	3.8	0.00
291591 649-8.80	261.656	1 46/2	0.999734	270 13 10.88	3.7	0.00
142612 649-8.54	316.079	1 70/2	0.999732	290 17 31.82	5.3	0.00
17202 649-8.53	344.315	1 55/2	0.999731	343 31 48.29	2.9	-0.01
131011 649-8.41	439.684	1 52/2	0.999732	118 12 56.38	4.1	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-23

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP SET IN CONCRETE

COORDINATE HISTORY

HORZ VERT

Originating Project 81035 81035
Published 82-10-13 82-10-13

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1992-01-23

MONUMENT IS LOCATED ON THE NE COR OF 66 AVE AND LAKEVIEW DR SW;
0.30M NE OF F.O.C. ON CURVE; 1.30M E OF F.O.C. W/S LAKEVIEW DR PROD S;
1.0M S OF B.O.W. PORD W; 4.25M W OF LT.S.

NON COORDINATE REVISIONS

1982-10-13 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION.	1991-07-10	1992-01-23
MARKER REPORTED IN GOOD CONDITION	1990-07-23	1991-03-13
MARKER REPORTED IN GOOD CONDITION	1988-02-08	1988-06-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 8 84

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 8 84