

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 30.02046 dms
Longitude 114 01 05.76797 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2017-03-20

ASCM 44446
Tablet Markings 649-0.165
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000
Marker Condition GOOD 94-11-01

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1043.558 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650594.329 m
Easting -1282.534 m
Convergence -0 00 51.11 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
129973 649-0.162	152.841	1	52/2	0.999739	266 31	06.64	4.2	0.00
167171 649-0.168	196.690	1	46/2	0.999740	17 08	16.30	4.0	0.00
255497 649-0.178	232.543	1	43/2	0.999738	107 41	57.76	3.4	0.00
229351 649-0.127	244.988	1	41/2	0.999738	131 25	42.06	3.4	0.00
224741 649-0.169	287.084	1	35/2	0.999740	12 18	05.30	2.9	0.00
31518 649-0.163	309.476	1	32/1	0.999742	308 48	48.06	2.8	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.21 m 1 m

MARKER TYPE Updated: 1976-08-24

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY HORZ VERT

Originating Project 76024 76024
Published 83-07-08 83-07-08

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

MARKER LOCATION Updated: 1994-12-01

IN SIDE WALK IN FRONT OF HOUSE NO.1039 LYSANDER DRIVE AT LYNNBROOK ROAD SOUTH
EAST; 0.6 M NORTH OF BACK OF WALK; 0.5 M WEST OF WALL WEST SIDE OF HOUSE
PRODUCED NORTH; 5.8 M EAST OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1976-08-24 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 1994-11-01 1994-12-01
MARKER REPORTED IN GOOD CONDITION 1992-09-01 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 0 165

VERT

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+00.165 56494 0 165