

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 55.46371 dms
Longitude 114 08 27.14513 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 56523

Tablet Markings 649-8.57

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 1109.991 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-08-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5651389.793 m
Easting -9888.280 m
Convergence -0 06 34.12 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
171785 649-8.58	250.364	1	56/2	0.999727		0 46 46.10	3.5	-0.01
145722 649-8.56	254.148	1	51/2	0.999733		94 24 52.31	3.7	0.00
259499 649-8.59	288.849	1	55/2	0.999730		35 27 07.83	4.6	-0.01
18416 649-8.60	377.718	1	42/2	0.999730		45 51 37.40	3.4	-0.01
177923 649-8.79	455.459	1	33/2	0.999730		183 00 48.80	2.8	0.01
142612 649-8.54	489.932	1	37/2	0.999731		134 42 31.52	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1999-09-02

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY HORZ VERT

Originating Project 72112 72112
Published 84-01-12 84-01-12

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

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-03-18

N.E. CORNER OF 37 STREET AND 61 AVENUE S.W. ;
4.0M NORTH OF NORTH B.O.W. PROD. WEST ;
0.20 M WEST OF THE WEST F.O.W. ;
1.40 M N.W. OF STOP SIGN.

NON COORDINATE REVISIONS

1973-01-18 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
MARKER REPORTED IN GOOD CONDITION

1999-08-26 1999-09-02
1990-09-04 1991-03-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 8 57

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-08.57 56494 8 57