

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 16.43998 dms
Longitude 113 58 56.82230 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 26781

Tablet Markings 649+4.69

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

Mapsheet Name CALGARY C
Mapsheet Number 5649 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.990 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-04-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650174.691 m
Easting 1232.122 m
Convergence 0 00 49.09 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999740

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)
270215 649+4.116	118.923	1	92/2	0.999738	155 18	47.93	4.8	0.00
129056 649+4.101	224.805	1	44/2	0.999742	322 25	35.27	3.8	0.00
135418 649+4.109	299.988	1	27/1	0.999739	174 19	16.70	2.1	0.00
163154 649+4.74	318.807	1	31/1	0.999740	229 54	38.52	2.8	0.00
126607 649+4.34	351.113	1	26/1	0.999741	252 54	10.87	2.2	0.00
80341 649+4.96	438.129	1	25/1	0.999740	67 52	01.55	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-06-15

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 76018 76018
Published 83-08-03 83-08-03

NE CORNER OF 73 AVE AND 35 ST SE; 0.10 M E OF BOC ON CURVE; 2.4 M E OF BOC PROD
N; 9.3 M NW OF CB ON CURVE AT 35 ST SE.

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

NON COORDINATE REVISIONS

1976-06-15 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

2005-04-04 2006-06-19
2001-09-28 2001-10-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56493 4 69

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+04.69 56493 4 69