

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 11 43.63752 dms
Longitude 114 04 16.23574 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 74-03

ASCM 43471

Date Printed 2025-08-03
Last Updated 2020-07-10

Tablet Markings 673-4.5

Mapsheet Name CALGARY H
Mapsheet Number 5673 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1129.669 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5673265.130 m
Easting -4974.912 m
Convergence -0 03 19.68 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
841759 841759	1407.986	1 18/1	0.999726	195 50 22.74	1.2	0.02
97105 670-4.4	1620.956	1 13/1	0.999726	180 07 02.46	1.0	0.02
178889 673-0.3	1647.350	1 19/1	0.999728	80 13 18.72	1.6	0.00
149096 670-4.6	1676.820	1 13/1	0.999727	256 39 18.61	0.9	0.01
144386 673-4.4	1783.232	1 12/1	0.999726	294 16 53.93	1.0	-0.01
373084 673-4.12	1905.240	1 10/1	0.999726	359 25 44.92	0.9	-0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-06-27

Meridian Defl,XI(+N) 2.1 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.38 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE. - ALSO M'KED 2130.1 -
3 CM BGL, 1 GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-05-15

Originating Project 75118 75118
Published 83-09-15 83-09-15

ON E/S OF 4TH ST, S OF 160 AVE NW; 0.91M W OF E P/L OF 4TH ST; APPROX
275.8M S OF 160 AVE SEC LINE; 0.30M W OF GP. C.S. 2CM

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NOTE: REVISED VERTICALLY (85/11/07). SOURCE: PROJ. 85022

NON COORDINATE REVISIONS

1975-10-07 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
MARKER REPORTED IN GOOD CONDITION

1992-10-13 1992-12-03
1992-03-13 1992-05-15
1990-03-14 1990-06-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56734 4 5

99-10-21

0.045 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 673-04.5 56734 4 5