

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 12 45.41976 dms
Longitude 114 01 28.61951 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 85-06

ASCM 39982

Tablet Markings 673-0.13

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY H
Mapsheet Number 5673 - 000

Vert Datum CVD28 Updated: 2007-07-26
Elevation 1092.033 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: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5675172.099 m
Easting -1719.942 m
Convergence -0 01 09.08 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
447771 673-0.12	821.706	1	26/2	0.999730	269 49 39.56	2.2	0.00
74385 673-0.5	1564.956	1	13/1	0.999733	90 30 52.74	1.1	0.00
71712 676-0.1	1638.054	1	13/1	0.999730	349 47 31.09	1.1	-0.01
318766 673-0.11	1968.549	1	14/1	0.999729	269 33 14.21	1.1	0.00
261495 676-0.2	2158.427	1	11/1	0.999730	318 17 28.83	0.9	-0.01
178889 673-0.3	2305.272	1	13/1	0.999730	225 04 58.90	1.1	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-25

Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.50 m 1 m

ASC BRASS TABLET ON 5X244 CM PIPE WITH HELIX.
FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1986-08-18

Originating Project 85022 85022
Published 86-08-18 86-08-18

NE COR OF INT 15 ST & 176 AVE, NE ; 6.1M E OF FENCE, PROD S ; 8.44M S
OF FENCE.

Revising Project NAD83 26010
Published 94-05-24 07-07-26
Revising Project 98015
Published 99-10-21
Revising Project
Published

NON COORDINATE REVISIONS

1986-08-18 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 1992-10-13 1992-12-03
MARKER REPORTED IN GOOD CONDITION. 1990-03-14 1990-05-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56734 0 13

07-07-26 0.027 m REVISED ELEVATION-MOVEMENT SUSPECTED
99-10-21 0.044 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56734 0 13