

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 17.80269 dms
Longitude 114 03 45.55889 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 49973

Tablet Markings 658-4.240

Date Printed 2025-08-03
Last Updated 2015-01-05

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1079.147 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-11-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-03-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5659488.330 m
Easting -4391.040 m
Convergence -0 02 55.47 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
114801 658-4.241	198.511	1	40/2	0.999736		95 19 49.91	2.7	0.00
284752 658-4.236	302.431	1	33/1	0.999731		4 26 33.30	2.5	0.00
235192 658-4.237	325.556	1	34/2	0.999733	330 46 54.28		2.8	0.00
270413 658-4.239	327.073	1	24/1	0.999734	269 48 38.10		2.0	0.00
37705 658-0.123	442.589	1	23/1	0.999735	90 07 27.52		1.8	0.00
297689 658-4.238	456.572	1	24/1	0.999734	311 04 48.95		2.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-01-25

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND.

COORDINATE HISTORY

HORZ VERT

Originating Project 71101 71101
Published 71-03-01 71-03-01

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 98015
Published 99-10-21
Revising Project
Published

MARKER LOCATION

Updated: 1993-07-07

ON THE NW CORNER OF 21 AVENUE AND CENTRE STREET NORTH; IN CONCRETE WHEEL CHAIR
RAMP; 0.50 M SOUTH OF BACK OF SEP. WALK PRODUCED EAST; 0.10 M EAST OF BACK OF
SEP. WALK PRODUCED SOUTH; 3.0 M SE OF LT.S.

NON COORDINATE REVISIONS

1972-01-25 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	2014-11-17	2015-01-05
MARKER REPORTED IN GOOD CONDITION	2004-02-06	2004-02-26
MARKER REPORTED IN GOOD CONDITION	1997-12-08	1998-01-09
MARKER REPORTED IN GOOD CONDITION	1993-04-07	1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 240

VERT

00-06-15 0.008 m REVISED ELEVATION-BETTER INTEGRATION
99-10-21 0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.240 56584 4 240