

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 53.07799 dms
Longitude 114 09 41.48750 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 56226

Tablet Markings 1723.10

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1114.051 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660588.867 m
Easting -11317.642 m
Convergence -0 07 32.42 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
247098 1722.9	107.098	1	75/2	0.999736	268 02 41.28	5.5	0.00
120519 1723.19	117.220	1	60/2	0.999730	94 34 25.77	4.3	0.00
235739 1722.11	172.973	1	52/2	0.999728	139 19 42.92	4.3	0.00
3061 1722.12	301.180	1	33/1	0.999729	156 47 07.33	2.8	0.01
264820 B35	375.629	1	29/1	0.999733	252 53 04.06	2.4	0.00
267203 1722.24	399.175	1	27/1	0.999732	185 35 24.06	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 70107 70107
Published 70-12-23 70-12-23

IN SIDEWALK JUST E OF 52 ST AT S/S OF 32 AVE NW; 19.1 M E OF BOW E/S PROD N; 0.3 M S OF FOW; 6.2 M NW OF WOODEN POWER POLE.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-12-23 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

2005-07-19 2006-06-19
1989-02-09 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 92

00-06-15

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 92