

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 50.33097 dms
Longitude 114 09 25.28790 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 66-03

ASCM 68320

Tablet Markings B21

Date Printed 2025-08-03
Last Updated 2016-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1059.451 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-06-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658649.329 m
Easting -11006.479 m
Convergence -0 07 19.71 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
157396 1721.7	263.770	1	61/2	0.999736		54 53 54.25	3.7	0.00
161224 B20	291.060	1	34/2	0.999737	128 21 54.43		2.8	0.00
113423 1721.6	361.716	1	41/2	0.999737	53 09 35.03		2.6	-0.01
252502 1722.30	454.768	1	33/2	0.999738	42 29 24.68		2.1	-0.01
143099 1722.29	471.034	1	34/2	0.999738	23 13 46.50		2.2	-0.01
268458 1721.1	524.504	1	29/2	0.999737	65 58 28.70		1.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2016-03-21

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
LANDSCAPED, 2 CM BGL.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2016-03-21

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

LOCATED 182.88 M WEST OF EDWORTHY PARK ENTRANCE ROAD; 35.7 M NORTH OF THIRD
POWER POLE FROM THE WEST (SHORT EAST WEST POLE LINE PARALLELING C.P.R. TRACKS);
21.10 M WEST OF THE WEST STEEL SUPPORT FOR SWINGS.

Revising Project NAD83 21002
Published 94-05-24 01-03-06
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	2015-06-10	2016-03-21
MARKER REPORTED IN GOOD CONDITION	1989-02-09	1990-04-30
MARKER REPORTED IN GOOD CONDITION.	1988-07-28	1988-08-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 24

01-03-06 0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 24