

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 56.61608 dms
Longitude 114 02 21.30163 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 79-03

ASCM 50435

Tablet Markings 664-0.86

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1053.351 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 03-12-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664394.482 m
Easting -2748.156 m
Convergence -0 01 49.99 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
155457 664-0.85	142.565	1	84/2	0.999735	273 53 17.90	4.6	0.00
110627 664-0.82	231.951	1	43/2	0.999736	343 15 44.27	3.6	0.00
38091 664-0.78	282.321	1	42/2	0.999735	67 28 03.80	3.6	0.00
255596 664-0.83	487.028	1	31/2	0.999737	265 08 40.93	2.2	0.00
132274 F87	633.104	1	21/1	0.999738	270 16 26.46	1.8	0.00
152587 F86	752.890	1	23/1	0.999738	248 01 19.65	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-01-30

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC BRASS TABLET ON TOP OF 5 CM X 2.6M STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1980-01-30

Originating Project 79025 79025
Published 83-08-18 83-08-18

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

AT S/S INTERSECTION 68 AVE. & 10 ST. NE:
- 36M SE OF FIRE HYDRANT (LOCATED AT NW CORNER OF INTERSECTION)
- 2.85M E OF CATCH BASIN S/S 68 AVE. NE
- 15M SSW OF CATCH BASIN (AT NE CORNER OF INTER)
- 35CM S OF STANDARD F.O.C. S/S 68 AVE. NE

NON COORDINATE REVISIONS

1980-01-30 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, CAP SLIGHTLY EFFACED. 2003-12-22 2004-02-04

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 86

99-10-21

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664+00.86 56644 0 86