

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 03.97777 dms
Longitude 114 04 52.52791 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 11676
Tablet Markings 2024.4
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1123.780 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662770.377 m
Easting -5691.130 m
Convergence -0 03 47.66 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
136788 661-4.143	240.517	1 46/2	0.999725	277 16 02.59	3.7	0.00
16923 661-4.144	343.826	1 32/2	0.999725	204 30 15.06	2.6	0.00
164954 661-4.206	346.267	1 32/2	0.999728	285 18 14.44	2.7	0.00
165878 661-4.216	353.311	1 31/1	0.999728	345 45 40.97	2.5	0.00
144113 661-4.230	378.200	1 26/1	0.999728	35 53 43.46	2.2	0.00
174201 661-4.227	422.254	1 24/1	0.999727	24 53 01.05	1.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-19

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

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

ON E/S OF LANE BEHIND HOUSE #5120 NESBITT RD. NW; 0.20 M W OF
STEEL FENCE AT GATE WAY; 21.7 M N OF S P/L FENCE PROD.E;
13.8 M S OF CENTER OF SEWER MH. .

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

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN MARCH 1977.

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
MARKER REPORTED IN GOOD CONDITION.

1993-07-19 1994-01-19
1988-11-04 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 35

99-10-21 0.051 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 4 35