

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 19.44130 dms
Longitude 114 04 38.86644 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 36087

Tablet Markings 661-4.100

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1086.876 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-07-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5661393.927 m
Easting -5426.794 m
Convergence -0 03 36.99 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
271023 661-4.97	230.385	1 61/2	0.999734	327 31 26.06	5.1	0.00
142117 661-4.93	351.261	1 48/2	0.999730	24 21 41.13	3.4	0.00
25601 661-4.94	382.218	1 50/2	0.999733	37 20 44.53	3.9	0.00
200907 661-4.98	396.295	1 43/2	0.999732	272 05 18.94	2.6	0.00
195727 661-04.101	398.290	1 48/2	0.999734	88 07 09.37	3.9	0.00
113431 661-4.92	431.090	1 44/2	0.999731	355 23 31.03	3.8	-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) 5.9 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-01-19

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

ON NW COR OF 40 AVE. AT HUDSON RD NW; 0.80 M S OF F. OF SEP. W.;
2.4 M W OF B.O.W. PROD.S; 1.0 M NW OF F.O.C. ON CURVE;
5.0 M SW OF CB.

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

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
MARKER REPORTED IN GOOD CONDITION.

2015-07-10 2015-07-31
1993-07-21 1994-01-19
1988-11-02 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 100

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.100 56614 4 100