

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 51 02 31.99013 dms
Longitude 114 00 07.06462 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 97-01

ASCM 366807

Date Printed 2025-08-04
Last Updated 2019-01-31

Tablet Markings 366807

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1066.917 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Marker Condition GOOD 99-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5656216.907 m
Easting -137.617 m
Convergence -0 00 05.49 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
359794 359794	1318.752	1	13/1 0.999737	307 18 37.30	0.9	0.00
405357 405357	1652.126	1	10/1 0.999738	246 00 43.30	0.8	0.00
443945 443945	1847.761	1	8/1 0.999735	52 46 26.98	0.6	0.00
377697 377697	2557.578	1	4/1 0.999736	147 02 28.59	0.3	0.00
358697 358697	2762.339	1	6/1 0.999733	352 15 08.94	0.3	0.00
439265 439265	2959.575	1	7/1 0.999734	24 44 43.70	0.4	0.00

GEOID DATA (GSD95) Updated: 98-11-19

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.6 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

MARKER TYPE

Updated: 1998-11-04

HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.
15 CM BGL.

COORDINATE HISTORY

Originating Project 96005 96005
Published 98-11-18 98-11-18

Revising Project
Published
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1998-11-04

Located in concrete median on Barlow Tr. S. of Memorial Dr., near 12Ave. S.E.;
7.9m. N. of the S. tip of median; 1.7m. E. of the W. l.o.g. of median;
53.5m. N. of the N. b.o.w. of 12 Ave. prod. W.

NON COORDINATE REVISIONS

1998-11-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1998-11-04 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1999-02-09 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT