

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

Horz Datum NAD83 Updated: 2014-09-23
Latitude 51 09 14.29630 dms
Longitude 114 00 04.55278 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 97-01
Date Printed 2025-08-04
Last Updated 2019-07-11

ASCM 366427
Tablet Markings 366427
Mapsheet Name CALGARY H
Mapsheet Number 5667 - 000

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1090.932 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-02-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-07-11

Scale Factor 0.999900 At Ref Mer 114

Northing 5668648.059 m
Easting -88.473 m
Convergence -0 00 03.55 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
216614 216614	3892.780	1	2/1	0.999732	180 41 28.87	0.1	0.00	
486274 670+4.26	4454.297	1	2/1	0.999732	42 28 08.43	0.2	0.01	
476051 476051	4546.024	1	2/1	0.999732	133 29 00.54	0.1	-0.01	
392522 392522	4887.909	1	2/1	0.999731	109 25 17.03	0.1	-0.01	
342949 TI 85	5130.442	1	2/1	0.999732	159 53 31.91	0.1	-0.01	
356568 356568	6119.807	1	1/1	0.999731	141 18 29.63	0.1	-0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-11-04

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.47 m 1 m

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

COORDINATE HISTORY

HORZ VERT

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

Revising Project 33001
Published 14-09-23
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1998-11-04

Located on the S.E.cor. of Barlow Tr. and Country Hills Blvd. N.E.;
19.1m S. of the S. bdy. f.l. of 112 Ave. Prod. W.; 11.0m W. of the E. bdy.,f.l.
of Barlow Tr.; 26.2m S.E. of wooden pow.p. with guy wire attached.

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

1999-02-02 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ 14-09-23 108 27 20 0.018 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

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