

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

Horz Datum NAD83 Updated: 2017-06-30
Latitude 51 02 56.04751 dms
Longitude 114 05 00.43437 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 16-07
Date Printed 2025-08-04
Last Updated 2023-08-08

ASCM 367821
Tablet Markings 367821
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2017-06-30
Elevation 1049.847 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-12-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-08-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5656963.580 m
Easting -5851.530 m
Convergence -0 03 53.64 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

| 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) |
|----------------------------|--------------------------------|----------------|------------|--------------|--------------|--------------------------|-------------------|--------------------|
| 354613 354613 | 194.885 | 1 | 26/1 | 0.999740 | 187 49 08.32 | 2.3 | 0.00 | |
| 401042 401042 | 203.733 | 1 | 29/1 | 0.999742 | 279 27 49.69 | 2.4 | 0.00 | |
| 372722 372722 | 275.488 | 1 | 25/1 | 0.999735 | 43 05 11.68 | 1.9 | 0.00 | |
| 289959 A3 | 408.656 | 1 | 17/1 | 0.999741 | 266 19 46.58 | 1.3 | 0.00 | |
| 494997 494997 | 664.702 | 1 | 9/1 | 0.999740 | 250 46 06.80 | 0.8 | 0.00 | |
| 318873 318873 | 667.401 | 1 | 13/1 | 0.999737 | 54 14 38.39 | 1.2 | -0.01 | |

GEOID DATA (GSD95) Updated: 17-06-30

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.18 m 1 m

MARKER TYPE

Updated: 2017-06-29

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GRD, LANDSCAPED

COORDINATE HISTORY

Originating Project 36003 36003
Published 17-06-30 17-06-30

Revising Project
Published
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2017-06-29

MARKER IS LOCATED IN SE CORNER (IN THE CURB) OF 5TH AVE AND 9TH ST. SW;
4.23M W OF TRAFFIC LIGHT ARM POST;
5.90M NW OF TRAFFIC LIGHT ARM POST;
2.62M E OF E FOC PRODUCED NORTH (9TH ST.).

NON COORDINATE REVISIONS

2017-06-29 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2016-12-09 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT