

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 51 06 37.16403 dms
Longitude 114 02 45.15178 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 97-01

ASCM 362715

Date Printed 2025-08-04
Last Updated 2014-06-18

Tablet Markings 362715

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1052.652 m
Vert Class INTEGRATED , SPIRIT LEVELS

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

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

Marker Condition GOOD 99-02-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2014-06-18

Scale Factor 0.999900 At Ref Mer 114

Northing 5663793.685 m
Easting -3212.389 m
Convergence -0 02 08.55 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

| ASCM Tablet To Markings | Horizontal Distance (m)(cm) | Std Dev | PPM/ Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|--------------------------------|---------|------------|----------------------|--------------------------|-------------------|--------------------|
| 362970 362970 | 1609.239 | 1 | 9/1 | 0.999737 | 6 03 37.87 | 0.5 | -0.01 |
| 360990 360990 | 1794.213 | 1 | 6/1 | 0.999737 | 169 30 04.24 | 0.4 | 0.01 |
| 391169 391169 | 1801.091 | 1 | 6/1 | 0.999735 | 264 10 41.04 | 0.5 | 0.00 |
| 360891 360891 | 1998.316 | 1 | 7/1 | 0.999737 | 215 01 23.29 | 0.5 | 0.01 |
| 391110 391110 | 2327.043 | 1 | 6/1 | 0.999736 | 228 54 11.26 | 0.4 | 0.01 |
| 393728 393728 | 2519.579 | 1 | 5/1 | 0.999733 | 314 46 15.06 | 0.3 | -0.02 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1999-11-23

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.33 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1998-11-04

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

Located in grass island on the S.E. cor. of 64 Ave. and Deerfoot Tr. N.E.;
8.9m. N.W. of l.o.g. on the NW/S of exit ramp from N. bound Deerfoot Tr.,
onto E. bound 64 Ave.; 18.7m. S. of l.o.g. on the S/S of 64 Ave.; 18.1m W. of
b.o.w. at turning ramp; 10.8m. S. of the S.leg of green and white directional
sign.

Revising Project
Published
Revising Project
Published
Revising Project
Published

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

1999-02-03 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

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