

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 08.38371 dms
Longitude 113 59 16.69342 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 13060

Tablet Markings DOT702338

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1981-07-01
Elevation 1082.781 m
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 94-11-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5662903.448 m
Easting 842.507 m
Convergence 0 00 33.70 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
239822 661+4.35	384.620	1	36/2 0.999732	285 47 30.28	3.1	0.00
155937 DOT702324	683.459	1	22/1 0.999732	279 45 43.03	1.8	0.00
10751 DOT702325	792.762	1	18/1 0.999733	238 12 39.76	1.5	0.00
118901 DOT702339	818.531	1	17/1 0.999732	338 49 11.30	1.4	0.00
4804 661+4.44	977.576	1	17/1 0.999733	27 35 06.45	1.4	0.00

GEOID DATA (GSD95) Updated: 01-03-06

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 4.7 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

MARKER TYPE

Updated: 1996-03-01

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER
MANHOLE & COVER, 0.4M E & 0.6M W OF GP'S

COORDINATE HISTORY

Originating Project 80042 80042
Published 81-07-01 81-07-01

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1996-03-01

LOCATED AT THE INTERNATIONAL AIRPORT; APPROX. 520 M NORTH OF MCKNIGHT
BOULEVARD; 435.0 M WEST OF THE NORTH SOUTH FENCE ALONG THE WEST BOUNDRY OF
36 STREET NORTH EAST.

NON COORDINATE REVISIONS

1970-11-02 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.

1994-11-04 1995-01-09
1988-10-19 1988-11-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 4 89

VERT

HISTORY DOT 702338 56613 4 89