

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 52 20.31599 dms
Longitude 114 08 25.85214 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 26047

Tablet Markings 637-8.6

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

Mapsheet Name CALGARY E
Mapsheet Number 5637 - 008

Vert Datum CVD28 Updated: 1983-07-27
Elevation 1165.400 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 97-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5637326.205 m
Easting -9889.849 m
Convergence -0 06 32.41 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
57182 76A025	1036.151	1 45/2	0.999724	182 32 32.32	3.8	0.03
8441 634-8.4	1538.375	1 31/2	0.999722	180 19 34.47	2.6	0.04
955898 955898	1666.842	1 32/2	0.999723	33 08 54.62	2.7	-0.03
12807 634-8.1	1810.100	1 36/2	0.999721	116 03 20.43	2.6	0.02
155317 637-8.9	1943.372	1 28/2	0.999723	44 43 34.76	2.2	-0.03
118612 637-8.7	2039.202	1 26/2	0.999723	47 23 04.26	2.1	-0.03

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-01-09

Meridian Defl,XI(+N) 4.8 s 2 s
Prime Vert Defl,ETA(+E) 7.4 s 2 s
Geoid_Ellip Separation -15.68 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5.0 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1998-01-09

Originating Project 75116 75116
Published 83-07-27 83-07-27

LOCATED ON THE WEST SIDE OF 37 STREET NORTH OF 1/4 LINE OF SEC. 13;
0.9 M EAST OF THE WEST PROPERTY LINE OF 37 STREET; 213.4 M NORTH OF
THE EAST - WEST 1/4 LINE SEC. 13; 12.8 M NORTH OF THE EAST - WEST
FENCE ON WEST SIDE OF 37 STREET SOUTH WEST; 1.85 M E OF BARBED WIRE
FENCE ON W/S OF ROAD; 0.35 M EAST OF GP.

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

NON COORDINATE REVISIONS

1975-10-20 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

1997-12-03 1998-01-09
1990-05-10 1990-06-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56374 8 6

HISTORY 637-08.6 56374 8 6