

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 54.73271 dms  
Longitude 114 03 10.31341 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-05  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 17491  
Tablet Markings 640-0.199  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1983-09-19  
Elevation 1041.090 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5642089.396 m  
Easting -3717.377 m  
Convergence -0 02 27.72 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
197012 640-0.152	118.669	1 76/2	0.999742	100 00 17.15	5.5	0.00
106062 640-0.94	155.141	1 90/2	0.999738	313 04 39.50	4.6	0.00
94466 640-0.150	208.447	1 58/2	0.999740	5 56 27.01	5.0	0.00
273102 640-0.165	248.981	1 60/2	0.999740	140 37 32.92	4.4	0.00
2824 640-0.143	310.436	1 45/2	0.999741	101 58 49.58	3.9	0.00
58982 640-0.92	333.052	1 45/2	0.999739	347 34 59.38	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-09-07

Meridian Defl, XI(+N) 4.3 s 2 s  
Prime Vert Defl, ETA(+E) 6.0 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-26

Originating Project 80038 80038  
Published 83-09-19 83-09-19

LOCATED ON THE SOUTH SIDE OF MIDLAKE BOULEVARD AND WEST OF MIDRIDGE DRIVE SOUTH  
EAST; 4.7 M EAST OF THE EAST PROPERTY LINE OF LANE PRODUCED SOUTH; 9.0 CM SOUTH  
OF BACK OF SEPERATE WALK; 4.2 M SOUTH EAST OF LIGHT STANDARD; 10.85 M SOUTH  
EAST OF FIRE HYDRANT.

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

NON COORDINATE REVISIONS

1983-09-07 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.

1989-02-14 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 199

HISTORY 56404 0 199