

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 52.65451 dms  
Longitude 114 02 54.76848 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-05

ASCM 2824

Tablet Markings 640-0.143

Date Printed 2025-08-03  
Last Updated 2019-03-25

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1039.796 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: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642024.973 m  
Easting -3413.781 m  
Convergence -0 02 15.66 dms  
Station Ellipsoid Factor 0.999840  
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)
205286 640-0.157	182.656	1 104/2	0.999741	123 11 48.24	8.7	0.00
197012 640-0.152	191.882	1 68/2	0.999741	283 12 07.71	5.7	0.00
273102 640-0.165	193.977	1 77/2	0.999738	228 41 56.83	6.3	0.00
210344 640-0.175	256.945	1 62/2	0.999737	164 08 22.65	4.9	0.00
11601 640-0.156	257.793	1 58/2	0.999738	90 34 15.27	4.3	0.00
132811 640-0.160	288.810	1 62/2	0.999739	144 27 44.69	5.3	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) 5.9 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-26

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

LOCATED ON THE EAST SIDE OF MIDRIDGE DRIVE SOUTH EAST AND NORTH OF LANE; 0.05 M  
EAST OF EAST BACK OF ROLLED CURB OF MIDRIDGE DRIVE SOUTH EAST; ON THE NORTH  
PROPERTY LINE OF HOUSE #928 - MIDRIDGE DRIVE; LOT 1, BLOCK 41, PLAN 7910049.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
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 0 143

99-08-16

0.007 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 0 143