

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 05.17300 dms
Longitude 114 02 52.99928 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-05

ASCM 3186

Tablet Markings 640-0.146

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

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1983-09-19
Elevation 1040.209 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 5642411.757 m
Easting -3378.971 m
Convergence -0 02 14.29 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
87791 640-0.155	125.519	1	96/2	0.999740	250 46	42.28	5.5	0.00
194472 640-0.198	278.705	1	47/2	0.999742	307 20	26.73	3.4	0.00
94466 640-0.150	337.179	1	39/2	0.999742	250 02	13.53	3.4	0.00
2824 640-0.143	388.448	1	41/2	0.999741	185 08	33.66	3.3	0.00
197012 640-0.152	408.424	1	37/2	0.999741	212 51	49.99	3.1	0.00
58982 640-0.92	410.117	1	34/2	0.999742	270 23	36.66	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-09-07

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC BRASS CAP SET IN CONCRETE WALK.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-09-26

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

LOCATED ON THE NORTH WEST CORNER OF MIDGLEN DRIVE AND MIDRIDGE DRIVE; 3.3 M
NORTH OF THE NORTH BACK OF WALK PRODUCED EAST; 55.0 CM EAST OF WEST BACK OF
WALK PRODUCED NORTH; 90.0 CM NORTH WEST OF BACK OF ROLLED CURB ON CURVE.

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 0 146

HISTORY 56404 0 146