

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 52.57665 dms
Longitude 114 02 41.57476 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-05

ASCM 11601

Tablet Markings 640-0.156

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

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1038.241 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642022.405 m
Easting -3156.068 m
Convergence -0 02 05.42 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
205286 640-0.157	143.197	1	91/2	0.999739	227 07 16.63	5.1	0.00
132811 640-0.160	249.229	1	56/2	0.999741	201 08 49.98	4.5	0.00
2824 640-0.143	257.793	1	58/2	0.999738	270 34 15.27	4.3	0.00
237057 640-0.170	297.383	1	50/2	0.999742	132 05 25.62	3.3	0.00
210344 640-0.175	308.228	1	49/2	0.999740	217 28 53.90	4.2	0.00
217083 640-0.163	344.103	1	46/2	0.999740	205 36 27.86	4.0	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) 5.8 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

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

IN PARK ON N/S OF INT OF MIDVALLEY DR AT MIDVALLY WAY SE; 2.9 M N OF B OF SEP.W.
; ON F.O.R.C. E/S PROD N; 6.8 M NW OF LT.S.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
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
MARKER REPORTED IN GOOD CONDITION.

2005-07-21 2006-06-16
1989-02-14 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 156

VERT

01-02-07 -0.005 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 0 156