

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 25.25869 dms
Longitude 114 03 25.96053 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2006-06-16

ASCM 16139
Tablet Markings 643-0.133
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1983-04-29
Elevation 1047.407 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5644886.770 m
Easting -4020.843 m
Convergence -0 02 39.93 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
211599 643-4.126	113.648	1 79/2	0.999743	214 34 34.06	4.5	0.00
79616 643-0.79	177.204	1 79/2	0.999743	66 46 24.94	6.7	0.00
273672 643-4.125	180.172	1 61/2	0.999734	270 24 42.95	5.1	0.00
255505 643-0.226	230.132	1 52/2	0.999738	152 05 37.29	4.5	0.00
163352 643-0.99	239.401	1 42/2	0.999738	0 25 17.66	3.4	0.00
259606 643-0.230	289.027	1 59/2	0.999739	187 37 32.42	4.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-02-18

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 75109 75109
Published 83-04-29 83-04-29

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

MARKER LOCATION

Updated: 2006-06-16

ON NE CORNER OF LAKE ERIE ROAD AND LOKE MORAINES WAY SE; 0.05 M N OF BOW ON CURVE
; 6.9 M E OF BOW PROD S; 0.9 M S OF THE S P/L FENCE PROD W; 2.1 M NE OF CB; 9.3
M SE OF LT.S.

NON COORDINATE REVISIONS

1976-02-18 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

2005-06-03 2006-06-16
1989-03-21 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 133

HISTORY 643+00.133 56434 0 133