

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 53 20.86940 dms
Longitude 114 03 07.75237 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 83-10

ASCM 23069

Tablet Markings 637-0.31

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

Mapsheet Name CALGARY F
Mapsheet Number 5637 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1051.933 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-02-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5639189.107 m
Easting -3669.401 m
Convergence -0 02 25.68 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
344069 344069	658.847	1	20/1 0.999739	351 40 20.26	1.5	-0.01
486431 486431	855.646	1	16/1 0.999739	9 11 50.00	1.2	-0.01
844621 844621	919.753	1	12/1 0.999738	157 34 21.88	1.0	0.01
457143 457143	1160.819	1	11/1 0.999739	6 10 37.41	0.9	-0.01
964809 964809	1177.738	1	17/1 0.999738	194 40 16.59	1.0	0.01
326884 640-0.216	1180.600	1	10/1 0.999738	357 00 38.44	0.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-03-20

Meridian Defl,XI(+N) 4.5 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -15.93 m 1 m

ASC BRASS TABLET ON 5 X 305CM HEAVY WALL DRIVEN PIPE.
2CM BGL.

COORDINATE HISTORY

HORZ

VERT

Originating Project 83044 83044
Published 84-09-05 84-09-05

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

MARKER LOCATION

Updated: 1989-02-15

LOCATED IN THE MIDDLE OF MACLEOD TRAIL AND ON WEST EDGE OF NORTHBOUND TRAFFIC
LANE SOUTH OF HIGHWAY #22X; 355.0 M SOUTH OF SOUTH PROPERTY LINE OF HIGHWAY
#22X PRODUCED EAST; ON WEST EDGE OF ASPHALT OF HIGHWAY NORTHBOUND; 7.5 M EAST
OF LIGHT STANDARDS IN MEDIAN OF HIGHWAY #2 (MACLEOD TRAIL); 20.3 M SOUTH EAST
OF THIRD LIGHT STANDARD SOUTH OF OVERPASS.

NON COORDINATE REVISIONS

1984-08-30 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

REPORTED IN GOOD CONDITION	1998-02-20	1998-03-20
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-22
MARKER REPORTED IN GOOD CONDITION.	1989-01-18	1989-02-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56374 0 31

99-08-16

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY

56374 0 31