

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 43.93076 dms
Longitude 114 04 51.96130 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2018-02-12

ASCM 15156
Tablet Markings 643-4.29
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1076.766 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5645465.290 m
Easting -5699.149 m
Convergence -0 03 46.72 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

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)
189456 643-4.35	153.308	1	150/3	0.999735	110 41 33.83	11.8	0.00
194381 643-4.33	165.013	1	61/2	0.999737	36 25 56.21	5.3	0.00
291757 643-4.32	267.504	1	45/2	0.999735	20 47 18.58	3.8	0.00
141267 643-4.100	269.895	1	48/2	0.999734	301 40 38.51	3.9	0.00
138602 643-4.46	279.097	1	50/2	0.999736	80 23 38.53	4.3	0.00
152223 643-4.30	285.821	1	49/2	0.999736	278 09 49.03	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-04-12

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED, FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 70105 70105
Published 71-04-21 71-04-21

LOCATED ON SE CORNER OF CANTABRIAN DR AND CANNES ROAD SW; 5.2 M NE OF CB; 10.9 M SW OF LIGHT POLE; 0.4 M FROM FOC ON CURVE.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-04-21 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.

2005-06-20 2006-06-16
1989-03-07 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 29

01-02-07

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.29 56434 4 29