

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 59.79831 dms
Longitude 114 04 36.10276 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 18358

Tablet Markings 643-4.55

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1056.383 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5645955.249 m
Easting -5389.077 m
Convergence -0 03 34.42 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

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)
227330 2013.36	193.770	1	57/2	0.999735	101 40 31.11	3.1	0.00
125989 643-4.48	236.928	1	72/2	0.999738	190 56 03.86	6.1	0.00
291757 643-4.32	322.360	1	46/2	0.999736	221 52 58.95	3.9	0.00
179937 643-4.47	330.071	1	52/2	0.999736	172 46 57.57	4.3	0.00
142877 643-4.51	363.289	1	44/2	0.999737	140 13 02.55	3.6	0.00
177816 646-4.347	399.798	1	35/2	0.999739	20 26 58.40	2.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-06-19

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE, UNDER 24" STANDARD MANHOLE FRAME AND COVER.
1.65 M BGL, MANHOLE & COVER, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-06-19

Originating Project 70104 70104
Published 71-04-21 71-04-21

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

IN A RAISED SEWER TYPE MANHOLE LOCATED ON THE SOUTH SIDE OF A BERM BETWEEN ANDERSON ROAD AND NORTH OF THE LANE BEHIND DUPLEX NO.11726-CANFIELD ROAD SOUTHWEST; 8.1 M NORTH OF THE NORTH PROPERTY LINE STEEL FENCE LINE OF LANE; 10.5 M EAST OF WEST PROPERTY LINE OF DUPLEX NO.11726 PRODUCED NORTH; 3.8 M WEST OF LARGEST TREE IN A SMALL CLUMP OF TREES.

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.

1995-02-08 1995-06-19
1989-03-02 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 55

01-02-07 -0.004 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.55 56434 4 55