

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 33.28105 dms
Longitude 114 07 26.99189 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 34751

Tablet Markings 646-8.65

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1112.853 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646994.371 m
Easting -8722.813 m
Convergence -0 05 47.18 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
299347 646-8.211	106.423	1	94/2	0.999726	157 45 07.84	5.0	0.00
15883 646-8.66	174.941	1	57/2	0.999729	258 30 06.32	3.9	0.00
2519 646-8.210	185.400	1	65/2	0.999732	213 10 52.10	5.2	0.00
271965 646-8.148	265.907	1	53/2	0.999728	173 39 09.18	3.6	0.01
231274 646-8.147	275.101	1	55/2	0.999731	129 54 45.88	4.3	0.00
248799 646-8.63	318.290	1	41/2	0.999728	313 17 02.24	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-08

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BELOW GROUND LEVEL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

	HORZ	VERT
Originating Project	74116	74116
Published	83-04-29	83-04-29
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project		
Published		
Revising Project		
Published		

NORTH-WEST CORNER OAKMOOR WAY & CEDAR BRAE DR. S.W.;
IN FRONT OF HOUSE #10543 OAKMOORWAY;
4.25M WEST OF B.O.W. W/S OAKMOORWAY PROD. SOUTH;
2.70M NORTH OF B.O.W. N/S CEDARBRAE DRIVE PROD. EAST;
0.20M N.W. OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1974-07-24 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

1990-05-08 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 65

01-02-07

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.65 56464 8 65