

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 09.41574 dms
Longitude 114 07 46.95068 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 79-03

ASCM 48686

Tablet Markings 646-8.231

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1122.959 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646257.628 m
Easting -9113.595 m
Convergence -0 06 02.65 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
219451 646-8.224	122.986	1	81/2 0.999727	315 36 33.40	6.8	0.00
146167 646-8.143	167.125	1	60/2 0.999729	4 12 22.73	3.4	0.00
40899 646-8.223	188.124	1	48/2 0.999727	327 40 24.13	3.7	0.00
4259 646-8.233	231.390	1	43/2 0.999730	294 15 39.70	3.5	0.00
163550 646-8.227	337.177	1	30/1 0.999728	307 51 20.50	2.3	0.00
270256 646-8.228	345.982	1	29/1 0.999727	2 20 29.15	2.0	-0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 4.0 s 2 s
Prime Vert Defl, ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

MARKER TYPE

Updated: 1979-08-27

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1979-08-27

COORDINATE HISTORY

Originating Project 79010 79010
Published 83-08-19 83-08-19

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

N.W. CORNER OF CEDARILLE DRIVE S.W. AND 30 STREET S.W.
- 0.80M S. OF N. BACK OF WALK.
- 0.57M E. OF W. BACK OF WALK.
- 0.40M N.W. OF FACE OF CURB ON CURVE.

NON COORDINATE REVISIONS

1979-08-27 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

1990-05-02 1991-03-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 8 231

VERT

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.231 56464 8 231