

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 06.44712 dms
Longitude 114 00 21.81397 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 22152

Tablet Markings 649-0.179

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1024.642 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-04-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5649865.792 m
Easting -425.452 m
Convergence -0 00 16.95 dms
Station Ellipsoid Factor 0.999842
Station Combined Factor 0.999742

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
322784 649-0.193	205.596	1	44/2 0.999746	174 15 20.24	3.2	0.00
5157 649-0.100	279.562	1	25/1 0.999741	265 58 29.15	2.2	0.00
126359 649-0.98	299.804	1	27/1 0.999744	93 34 35.88	2.2	0.00
455162 649-0.192	363.497	1	30/1 0.999742	234 23 41.62	2.5	0.00
76166 649-0.102	394.409	1	28/1 0.999741	334 53 59.88	2.4	0.00
141408 649-0.103	407.415	1	27/1 0.999740	6 58 35.02	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-03-08

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 4.7 s 2 s
Geoid_Ellip Separation -16.22 m 1 m

ASC BRASS CAP SET IN CONCRETE WALK.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1986-04-04

Originating Project 76101 76101
Published 83-08-03 83-08-03

76 AVENUE AND 22 STREET, NW CORNER;
55CM S OF B.O.SEP.W; 1.8M W OF B.O.W, PROD. SOUTH; 1.7M N/W OF
F.O.C ON CURVE; 3.65M S OF FIRE HYDRANT.

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

NON COORDINATE REVISIONS

1977-03-08 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

2015-04-23 2015-04-23
2004-10-28 2004-12-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 0 179

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+00.179 56494 0 179