

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 33.60575 dms
Longitude 114 06 23.48951 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 12146
Tablet Markings 661-4.64
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1127.343 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661834.147 m
Easting -7462.146 m
Convergence -0 04 58.42 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229799 1924.3	324.906	1 36/2	0.999723	359 13 49.96	3.0	-0.01
57901 661-4.65	349.458	1 31/2	0.999725	290 11 34.90	2.5	0.00
76224 661-4.232	367.989	1 38/2	0.999726	229 46 48.27	3.2	0.00
291724 661-4.56	411.574	1 32/2	0.999726	160 10 46.67	2.7	0.01
148361 661-4.54	467.346	1 26/1	0.999726	247 41 06.34	2.2	0.00
15016 1924.4	491.423	1 26/1	0.999720	329 02 08.75	2.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-19

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

Originating Project 71103 71103
Published 84-01-07 84-01-07

IN TRAFFIC ISLAND ON SW COR. OF JOHN LAURIE BLVD. AT 19 ST. NW;
1.9 M S OF F.O.C.; 2.7 M W OF F.O.C.; 3.4 M E NE OF LT.S. .

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-20 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.

1993-07-15 1994-01-19
1988-11-18 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 64

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.64 56614 4 64