

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 32.96579 dms
Longitude 114 07 04.89781 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 18481
Tablet Markings 190249
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1223.313 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-06-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663669.586 m
Easting -8264.950 m
Convergence -0 05 30.72 dms
Station Ellipsoid Factor 0.999811
Station Combined Factor 0.999712

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
203364 1825.1	301.954	1	66/2 0.999710	301 12 55.13	3.5	0.00
46482 1925.3	493.357	1	41/2 0.999713	72 16 34.30	3.0	0.00
247742 190254	769.729	1	32/2 0.999711	0 03 18.09	2.2	-0.02
34488 1924.7	807.742	1	33/2 0.999713	142 43 29.12	2.8	0.01
206292 190244	818.110	1	31/2 0.999714	179 31 03.36	1.7	0.02
34926 1824.1	859.429	1	28/2 0.999715	192 55 49.63	2.0	0.02

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

MARKER TYPE

Updated: 1985-12-04

TSC CAP IN REINFORCED CONCRETE CYLINDER
0.90 M N OF MP

COORDINATE HISTORY HORZ VERT

Originating Project 63004 63004
Published 70-01-18 70-01-18

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2020-01-08

MARKER LOCATED ON THE SW SIDE OF NOSE HILL PARK; 81.80 M W OF W BIKE PATH EDGE;
1610 M E OF SHAGANAPPI TR NW AND JOHN LAURIE BLVD NW INTERSECTION.

NON COORDINATE REVISIONS

1985-12-04 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

2019-06-19 2020-01-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 7 NGBD # 636133

VERT

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 8 7