

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 26.63116 dms
Longitude 114 02 41.72110 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 16618

Tablet Markings F68

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1050.659 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 03-12-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665322.170 m
Easting -3144.725 m
Convergence -0 02 05.90 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
260984 F.69	224.253	1	40/2	0.999740	304 19 59.96	3.0	0.00
78287 F65	316.067	1	28/1	0.999739	217 32 02.52	2.2	0.00
382440 664-0.108	327.577	1	30/1	0.999736	254 22 38.12	2.6	0.00
365320 664-0.109	388.169	1	26/1	0.999738	283 56 25.25	2.2	0.00
499681 664-0.107	410.314	1	27/1	0.999737	226 09 53.36	2.2	0.00
492579 664-0.110	496.175	1	22/1	0.999737	282 45 55.50	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2004-02-04

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
20 CM BGL, 0.40 M N OF GP, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 73137 73137
Published 78-03-01 78-03-01

LOCATED ON GRASSY AREA BETWEEN NORTH BOUND DEERFOOT TRAIL AND WEST BOUND
BEDDINGTON TRAIL; 40.3 M EAST OF EAST EDGE OF ASPHALT ON DEERFOOT TRAIL; 37.6
M NE OF 2ND LIGHT STANDARD SOUTH OF BEDDINGTON TRAIL OVERPASS.

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

NON COORDINATE REVISIONS

1970-05-22 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

2003-12-22 2004-02-04
1992-12-02 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 26

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 0 26