

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 49.82947 dms
Longitude 114 04 35.85959 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2005-08-02

ASCM 14738
Tablet Markings 661-4.175
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1105.404 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5664186.837 m
Easting -5365.373 m
Convergence -0 03 34.73 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
160721 661-4.174	166.537	1	66/2	0.999731	228 41 06.94	4.0	0.00
44719 664-4.41	171.573	1	47/2	0.999730	353 54 41.25	3.8	0.00
11650 664-4.76	229.081	1	57/2	0.999729	291 46 03.32	4.8	0.00
238659 661-4.173	255.738	1	55/2	0.999731	245 43 17.40	4.1	0.00
273771 661-4.225	387.309	1	36/2	0.999729	174 38 27.76	3.1	0.01
267039 661-4.171	388.148	1	33/2	0.999730	196 01 21.68	2.7	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-30

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-30

Originating Project 74114 74114
Published 74-08-01 74-08-01

ON NE COR. OF 68 AVE. AND 8 ST. NW; 1.7 M N OF B.O.W. PROD W;
5.1 M E OF B.O.W. PROD. S; 0.10 M NE OF B.O.W. ON CURVE.

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

NON COORDINATE REVISIONS

1975-01-30 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	1994-11-08	2001-08-30
MARKER REPORTED IN GOOD CONDITION	1993-08-05	1994-01-25
MARKER REPORTED IN GOOD CONDITION.	1988-11-04	1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 175

99-10-21

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.175 56614 4 175