

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 50 55.63158 dms
Longitude 114 05 38.17765 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03
Date Printed 2025-08-03
Last Updated 2009-06-04

ASCM 67827
Tablet Markings 634-4.7
Mapsheet Name CALGARY E
Mapsheet Number 5634 - 004

Vert Datum CVD28 Updated: 1983-07-27
Elevation 1094.200 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 06-11-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5634704.384 m
Easting -6614.995 m
Convergence -0 04 22.25 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
134403 634-4.6	695.738	1	33/2	0.999731	269 08 28.36	2.7	0.00
298257 634-4.5	761.113	1	31/2	0.999726	294 31 55.69	2.6	-0.01
128868 634-4.4	1541.932	1	27/2	0.999727	0 17 11.39	2.2	-0.03
124776 634-4.3	1633.503	1	25/2	0.999727	359 57 48.77	2.1	-0.03
57091 634-4.8	1652.280	1	21/1	0.999728	99 01 25.08	1.8	0.00
79608 634-8.3	1813.671	1	26/2	0.999727	295 26 33.78	2.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2009-06-04

Meridian Defl,XI(+N) 5.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.74 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
15 CM BGL, GP BROKEN OFF.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-03-29

Originating Project 75116 75116
Published 83-07-27 83-07-27

LOCATED ON THE NORTH EAST CORNER OF 14 STREET AND 226 AVENUE SOUTH WEST; 5.2 M
WEST OF THE EAST PROPERTY LINE OF 14 STREET; 3.5 M NORTH OF PROPERTY LINE OF
226 AVENUE SOUTH WEST; THIS IS AT AN INTERSECTION; OPPOSITE LARGE AGT TERMINAL
BOX; 3.5 M WEST OF WEST FACE OF THIS BOX.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1975-10-20 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
NUMBERS ON CAP ARE DIFFICULT TO READ.

2006-11-08 2009-06-04
1990-05-10 1990-07-03
1989-01-26 1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56344 4 7

HISTORY 634-04.7 56344 4 7