

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 15.93107 dms
Longitude 113 56 34.44300 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

ASCM 65557

Tablet Markings 655+8.107

Date Printed 2025-08-03
Last Updated 2021-11-15

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1056.481 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5655722.242 m
Easting 4004.574 m
Convergence 0 02 39.83 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
372383 655+4.332	411.238	1	27/1	0.999737	314 40	12.27	2.3	0.00
29322 655+4.165	507.887	1	20/1	0.999736	274 24	02.32	1.6	0.00
6023 76A009	523.294	1	34/2	0.999737	125 10	38.33	2.9	0.00
420471 652+4.197	564.522	1	23/1	0.999739	209 19	46.80	2.0	0.00
132829 655+4.162	566.117	1	21/1	0.999736	328 30	52.64	1.7	0.00
240945 655+4.160	690.369	1	19/1	0.999737	302 00	38.26	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-07-12

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 3.9 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE
FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-07-12

Originating Project 83040 83040
Published 84-05-30 84-05-30

LOCATED AT THE SOUTH WEST CORNER OF INTERSECTION OF 17 AVENUE AND 61 STREET
SOUTH EAST; 35.0 CM SOUTH OF FACE OF CURB; 35.0 CM WEST OF FACE OF CURB
PRODUCED SOUTH.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1984-05-30 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
MARKER REPORTED IN GOOD CONDITION.

1993-07-23 1994-01-18
1989-03-20 1989-07-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 8 107

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56553 8 107