

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 00.15805 dms  
Longitude 113 56 32.42928 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 64089

Tablet Markings 658+8.106

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

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1081.244 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660796.808 m  
Easting 4039.832 m  
Convergence 0 02 41.50 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

| ASCM Tablet<br>To Markings | Horizontal Distance<br>(m) (cm) | Std Dev<br>Order | Grid/ Grnd<br>Factor | Grid<br>Bearing<br>(dms) | Std<br>Dev<br>(s) | T-t<br>Corr<br>(s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 41475 658+8.96             | 103.952                         | 1 96/2           | 0.999734             | 88 36 06.13              | 6.3               | 0.00               |
| 14514 658+8.108            | 195.732                         | 1 56/2           | 0.999734             | 176 12 45.95             | 4.4               | 0.00               |
| 195016 658+8.100           | 205.117                         | 1 68/2           | 0.999735             | 93 34 55.51              | 5.7               | 0.00               |
| 38646 658+8.101            | 271.682                         | 1 52/2           | 0.999735             | 88 56 18.40              | 4.2               | 0.00               |
| 146126 658+8.103           | 273.787                         | 1 47/2           | 0.999735             | 132 27 26.19             | 4.0               | 0.00               |
| 169730 658+4.321           | 305.692                         | 1 46/2           | 0.999730             | 284 01 26.44             | 3.9               | 0.00               |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl, XI(+N) 2.7 s 2 s  
Prime Vert Defl, ETA(+E) 4.2 s 2 s  
Geoid\_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-03

Originating Project 77045 77045  
Published 82-03-01 82-03-01

LOCATED ON THE NORTH WEST CORNER OF TEMPLEVIEW GATE AND TEMPLEVIEW DRIVE NORTH  
EAST; 0.05 M WEST OF THE WEST BACK OF WALK; 0.05 M NORTH OF THE NORTH EDGE OF  
WALKWAY; HOUSE #395 - TEMPLEVIEW DRIVE LOT 11, BLOCK 10.

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

NON COORDINATE REVISIONS

1982-03-01 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.

1988-10-05 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 106

99-10-21

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 106