

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 11.06600 dms  
Longitude 114 09 10.42289 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 12328  
Tablet Markings 655-8.240  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1134.700 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-11-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5657435.453 m  
Easting -10719.567 m  
Convergence -0 07 08.08 dms  
Station Ellipsoid Factor 0.999825  
Station Combined Factor 0.999726

| 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) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 190819 655-8.220           | 112.945                         | 1 150/3          | 0.999729             | 231 20 11.28             | 12.3              | 0.00               |
| 280180 655-8.241           | 160.313                         | 1 94/2           | 0.999724             | 4 58 32.97               | 5.9               | 0.00               |
| 121848 655-8.249           | 232.753                         | 1 82/2           | 0.999726             | 14 28 27.68              | 5.3               | -0.01              |
| 280347 655-8.221           | 262.436                         | 1 69/2           | 0.999729             | 179 55 22.48             | 3.8               | 0.01               |
| 41111 655-8.237            | 273.193                         | 1 73/2           | 0.999725             | 313 53 12.44             | 5.9               | -0.01              |
| 125302 655-8.243           | 288.162                         | 1 73/2           | 0.999723             | 341 29 53.05             | 5.1               | -0.01              |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-05-10

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 72107 72107  
Published 83-03-03 83-03-03

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-01-26

ON W/S OF RD IN FRONT OF HOUSE No15 - 45 ST SW; 0.15 M W OF B.O.W.;  
6.25 M N OF THE S WALL OF HOUSE PROD E.

NON COORDINATE REVISIONS

1972-05-10 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

1992-11-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 240

VERT

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.240 56554 8 240