

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 51.01786 dms
Longitude 113 56 25.33368 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2007-06-22

ASCM 6270
Tablet Markings 658+8.32
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.671 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-02-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658660.514 m
Easting 4179.660 m
Convergence 0 02 46.98 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 84442 658+8.29 | 121.751 | 1 90/2 | 0.999736 | 222 06 57.49 | 7.3 | 0.00 |
| 175364 658+8.28 | 149.992 | 1 73/2 | 0.999739 | 182 29 21.67 | 6.3 | 0.00 |
| 292581 658+8.78 | 158.568 | 1 44/1 | 0.999736 | 16 16 20.87 | 3.9 | 0.00 |
| 247791 658+8.38 | 198.620 | 1 40/2 | 0.999734 | 328 29 39.38 | 3.5 | 0.00 |
| 179473 658+8.31 | 208.498 | 1 38/1 | 0.999738 | 264 52 54.83 | 3.1 | 0.00 |
| 234880 658+8.34 | 214.578 | 1 42/2 | 0.999736 | 42 04 42.94 | 3.4 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.44 m 1 m

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

COORDINATE HISTORY

HORZ VERT

MARKER LOCATION

Updated: 2007-06-22

Originating Project 76019
Published 76-10-31

LOCATED ON THE NORTH WEST CORNER OF MAITLAND ROAD AND MAITLAND ROAD IN FRONT OF
HOUSE #144; 10.0 M W OF BOW ON CURVE; 2.5 M W OF W/BOW PROD S; 4.4 M N OF N/BOW
PROD E.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 78003
Published 83-08-19
Revising Project
Published

NON COORDINATE REVISIONS

1976-12-01 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
MARKER REPORTED IN GOOD CONDITION.

2007-02-07 2007-06-22
1988-10-03 1988-11-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 32

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.32 56583 8 32