

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 15.74269 dms
Longitude 113 57 50.73036 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 984
Tablet Markings 655+4.122
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1069.553 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-02-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657569.450 m
Easting 2517.476 m
Convergence 0 01 40.54 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

| ASCM Tablet To Markings | Horizontal Distance (m)(cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|--------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 293225 655+4.121 | 121.497 | 1 | 74/2 0.999728 | 17 39 58.56 | 5.5 | 0.00 |
| 28308 655+4.123 | 193.443 | 1 | 52/2 0.999735 | 167 06 39.11 | 4.2 | 0.00 |
| 150151 655+4.114 | 219.604 | 1 | 64/2 0.999733 | 18 14 05.94 | 5.0 | 0.00 |
| 141143 655+4.124 | 220.154 | 1 | 55/2 0.999738 | 220 34 54.73 | 4.6 | 0.00 |
| 226571 2520.33 | 231.010 | 1 | 52/2 0.999735 | 166 37 08.71 | 4.0 | 0.00 |
| 3707 655+4.113 | 260.806 | 1 | 58/2 0.999735 | 351 22 45.08 | 4.2 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1988-07-21

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2.0 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-07-21

Originating Project 73123 73123
Published 74-04-23 74-04-23
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

LOCATED ON THE EAST SIDE OF THE WEST LEG OF MARBROOKE CIRCLE AND SOUTH OF
MARCHAND CRESCENT NORTH EAST; 1.8' EAST OF BACK OF WALK ON CURVE; 7.3' EAST
OF BACK OF WALK TANGENT PRODUCED SOUTH; 1.5 M NORTH OF THE SOUTH PROPERTY
LINE OF HOUSE #5, LOT 1, BLOCK 2 PRODUCED WEST; 1.6 M NORTH OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1974-01-16 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.

1988-02-04 1988-07-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 122

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.122 56553 4 122