

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 05.78494 dms
Longitude 113 56 43.82845 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 26849

Tablet Markings 655+4.204

Date Printed 2025-08-03
Last Updated 2019-01-31

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1058.691 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5657262.560 m
Easting 3820.591 m
Convergence 0 02 32.57 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 177303 655+4.212 | 102.285 | 1 108/2 | 0.999737 | 57 20 54.72 | 8.1 | 0.00 |
| 91074 655+4.226 | 113.995 | 1 70/2 | 0.999734 | 181 49 02.10 | 6.0 | 0.00 |
| 92494 655+8.42 | 215.944 | 1 56/2 | 0.999737 | 126 46 04.75 | 4.3 | 0.00 |
| 92585 655+4.195 | 239.436 | 1 42/2 | 0.999735 | 335 33 38.09 | 3.6 | 0.00 |
| 263384 655+4.211 | 262.117 | 1 42/2 | 0.999736 | 160 44 01.42 | 3.5 | 0.00 |
| 205765 655+4.205 | 262.288 | 1 50/2 | 0.999736 | 181 30 50.30 | 4.1 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 76019 76019
Published 76-10-31 76-10-31

LOCATED ON THE NE LEG OF PENWORTH RD SE IN FRONT OF HOUSE #6132 - PENWORTH RD; 0
.06 M NE OF BOW ON CURVE; IN LINE WITH BOW S/SIDE PROD E; 0.6 M S OF C/L OF FRONT
WALK.

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

2006-06-01 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 204

99-10-21

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.204 56553 4 204