

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 57.68967 dms
Longitude 113 59 23.80558 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 39255

Tablet Markings 652+4.31

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1058.414 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655157.090 m
Easting 705.201 m
Convergence 0 00 28.14 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev (m) (cm) | PPM/ Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|---------------------|------------|----------------------|--------------------------|-------------------|--------------------|
| 277798 655+4.174 | 187.388 | 1 | 43/2 | 0.999738 | 57 23 50.22 | 3.4 | 0.00 |
| 250712 655+4.172 | 234.335 | 1 | 38/2 | 0.999734 | 2 20 08.84 | 3.4 | 0.00 |
| 141523 652+4.29 | 234.808 | 1 | 38/2 | 0.999736 | 254 19 47.12 | 3.3 | 0.00 |
| 218818 G45 | 309.723 | 1 | 39/2 | 0.999737 | 257 08 47.81 | 3.2 | 0.00 |
| 269084 652+4.36 | 316.617 | 1 | 28/1 | 0.999737 | 136 33 41.25 | 2.5 | 0.00 |
| 241497 G44 | 367.945 | 1 | 41/2 | 0.999736 | 292 24 40.09 | 3.3 | 0.00 |

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 73120 73120
Published 83-03-08 83-03-08

ON SW COR OF HOLLY DRIVE AT 33 STREET S.E.; 2.4 M WEST OF B.O.W. W/S PROD. N.;
2.8 M SOUTH OF B.O.W. PROD. E.; 4.8 M SE OF CB.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1974-03-01 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1992-04-23 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 31

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.31 56523 4 31