

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 13.03052 dms
Longitude 113 58 39.73767 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-04

ASCM 22459

Tablet Markings 652+4.178

Date Printed 2025-08-03
Last Updated 2020-07-10

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1055.068 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-05-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5653777.340 m
Easting 1564.225 m
Convergence 0 01 02.39 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) |
|----------------------------|--------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 111823 652+4.123 | 105.440 | 1 | 104/2 0.999736 | 324 33 07.36 | 5.8 | 0.00 |
| 61606 652+4.95 | 252.743 | 1 | 44/2 0.999738 | 253 37 22.66 | 3.8 | 0.00 |
| 166207 652+4.175 | 297.511 | 1 | 40/2 0.999737 | 205 17 39.93 | 3.5 | 0.00 |
| 151647 652+4.170 | 313.857 | 1 | 54/2 0.999738 | 83 05 33.43 | 4.5 | 0.00 |
| 163790 652+4.73 | 357.156 | 1 | 36/2 0.999736 | 13 06 42.39 | 2.8 | 0.00 |
| 297762 652+4.96 | 379.701 | 1 | 29/1 0.999739 | 229 44 08.86 | 2.5 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE
FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 83006 83006
Published 85-02-01 85-02-01

ON N/S OF ERIN DALE CRESENT AT 100 ERIN DALE PLACE S.E.; 0.20 M NORTH OF
B.O.R.C.; IN LINE WITH B.O.C. W/S OF ISLAND PROD. N.; 1/45 M SOUTH OF E-W
STEEL FENCE; LOCATED UNDERNEATH LARGE PINE TREE.

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

NON COORDINATE REVISIONS

1985-02-06 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

1992-05-22 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 178

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56523 4 178