

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 06.60697 dms
Longitude 113 58 39.75805 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-12
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 30254
Tablet Markings 658+4.337
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1085.440 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660994.732 m
Easting 1561.644 m
Convergence 0 01 02.43 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

| ASCM Tablet To Markings | Horizontal Distance | Std Dev (m)(cm) | PPM/ Order | Grid/ Factor | Grnd | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|------------------------|--------------------|---------------|-----------------|--------------|--------------------------|-------------------|--------------------|
| 79103 658+4.293 | 113.214 | 1 | 124/2 | 0.999736 | 201 19 27.63 | 10.2 | 0.00 | |
| 298794 658+4.339 | 178.608 | 1 | 73/2 | 0.999734 | 83 16 53.41 | 4.3 | 0.00 | |
| 144725 661+4.128 | 348.487 | 1 | 46/2 | 0.999732 | 6 33 45.67 | 4.0 | 0.00 | |
| 285668 661+4.129 | 369.219 | 1 | 46/2 | 0.999733 | 351 33 50.24 | 3.9 | 0.00 | |
| 89623 661+4.127 | 381.604 | 1 | 50/2 | 0.999732 | 31 58 23.73 | 4.2 | 0.00 | |
| 60020 658+4.292 | 395.444 | 1 | 38/2 | 0.999731 | 188 45 28.99 | 3.2 | 0.00 | |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-09-23

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

ASC BRASS TABLET ON TOP OF 5CM X 2.1M STEEL PIPE,AREA 89.

COORDINATE HISTORY

HORZ

VERT

Originating Project 81043 81043
Published 82-09-23 82-09-23
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1988-11-08

LOCATED ON THE NORTH WEST CORNER OF INTERSECTION OF 39 STREET AND WHITEHORN DRIVE NORTH EAST; AT THE INTERSECTION OF BACK OF WALK AND BACK OF SEPERATE WALK; 14.0 CM NORTH OF BACK OF SEPERATE WALK; 8.0 CM NORTH WEST OF BACK OF WALK; 3.3 M WEST OF BACK OF ROLLED CURB PRODUCED SOUTH; 7.65 M SOUTH SOUTH WEST OF END OF WALK ON 39 STREET; 6.45 M SOUTH WEST WEST OF FIRE HYDRANT; FIRE HYDRANT IS 30.0 CM WEST OF BACK OF WALK ON 39 STREET.

NON COORDINATE REVISIONS

1982-09-23 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.

1988-09-23 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 337

VERT

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56583 4 337