

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 47.28636 dms
Longitude 114 06 54.62990 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03
Date Printed 2025-08-03
Last Updated 2021-03-26

ASCM 32904
Tablet Markings 646-8.124
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1102.089 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 21-02-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5647426.096 m
Easting -8090.610 m
Convergence -0 05 22.06 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

| ASCM Tablet To Markings | Horizontal Distance (m) | Std Dev (cm) | PPM/Order | Grid/Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|-------------------------|-------------------------|--------------|-----------|------------------|--------------------|-------------|--------------|
| 285262 646-8.125 | 114.269 | 1 | 87/2 | 0.999730 | 263 57 53.17 | 5.7 | 0.00 |
| 157644 646-8.126 | 124.251 | 1 | 80/2 | 0.999732 | 359 46 39.63 | 5.4 | 0.00 |
| 215525 646-8.128 | 186.855 | 1 | 48/2 | 0.999730 | 180 24 03.17 | 3.9 | 0.00 |
| 57752 646-8.56 | 212.151 | 1 | 52/2 | 0.999735 | 1 51 39.84 | 4.2 | 0.00 |
| 197392 646-8.57 | 225.748 | 1 | 49/2 | 0.999728 | 177 14 45.38 | 3.6 | 0.00 |
| 12542 646-8.127 | 271.461 | 1 | 41/2 | 0.999728 | 220 44 39.40 | 3.5 | 0.00 |

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

MARKER TYPE

Updated: 1978-01-31

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

| | HORZ | VERT |
|---------------------|----------|----------|
| Originating Project | 77030 | 77030 |
| Published | 78-01-17 | 78-01-17 |
| Revising Project | NAD83 | 98015 |
| Published | 94-05-24 | 99-10-21 |
| Revising Project | | |
| Published | | |
| Revising Project | | |
| Published | | |

MARKER LOCATION

Updated: 1991-03-08

NORTH SIDE OF OAKMOOR DRIVE & WEST OF EAST LEG OF OAKMOOR DRIVE S.W.;
0.80M SOUTH OF NORTH B.O.W.;
2.30M WEST OF WEST WALL OF TOWNHOUSE #90 PROD. SOUTH;
32.30M WEST OF WEST B.O.W. PROD. NORTH.

NON COORDINATE REVISIONS

1978-01-31 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, CAP PARTIALLY EFFACED. 2021-02-21 2021-03-26
MARKER REPORTED IN GOOD CONDITION 1990-07-19 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 8 124

VERT

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-08.124 56464 8 124