

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 19.52061 dms
Longitude 114 05 16.37505 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 58651

Tablet Markings 2018.27A

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

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1080.524 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-01-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653981.318 m
Easting -6165.563 m
Convergence -0 04 05.95 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

| 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) |
|-------------------------|-------------------------|--------------|-----------|------------------|--------------------|-------------|--------------|
| 28126 2019.27 | 143.387 | 1 | 160/3 | 0.999734 | 346 31 54.25 | 5.9 | 0.00 |
| 56887 D65 | 210.833 | 1 | 119/3 | 0.999732 | 177 59 10.04 | 5.4 | 0.00 |
| 34785 2019.26 | 238.113 | 1 | 109/3 | 0.999737 | 55 25 29.99 | 9.1 | 0.00 |
| 227041 D63 | 302.869 | 1 | 89/3 | 0.999734 | 139 04 18.73 | 7.5 | 0.00 |
| 168377 2019.58 | 310.087 | 1 | 116/3 | 0.999733 | 325 52 03.18 | 7.8 | 0.00 |
| 72132 D61 | 366.195 | 1 | 98/3 | 0.999735 | 163 30 08.45 | 7.8 | 0.01 |

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

MARKER TYPE

Updated: 1999-07-20

ASC CAP SET IN CONCRETE SIDEWALK

10 CM BGL.

COORDINATE HISTORY

| | HORZ | VERT |
|-------------------------------|----------------|----------------|
| Originating Project Published | 68102 70-06-24 | 68102 70-06-24 |
| Revising Project Published | NAD83 94-05-24 | 98017 01-02-07 |
| Revising Project Published | | |
| Revising Project Published | | |

MARKER LOCATION

Updated: 2017-03-16

ON EAST SIDE OF ROAD IN FRONT OF HOUSE NO. 3634 - 10 STREET SOUTH WEST;
(INTERSECTION 10 STREET SOUTH WEST - LANE NORTH OF 36 AVENUE SOUTH WEST)
0.3 M EAST OF F.O.C.; 7.0 M SOUTH OF NORTH WALL OF HOUSE PRODUCED WEST;
1.0 M SOUTH OF EAST-WEST STEEL FENCE ACROSS THE ROAD PRODUCED EAST.

NON COORDINATE REVISIONS

| Date | Description |
|------------|--|
| 1970-06-24 | 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 Condition | Inspected | Updated |
|-----------------------------------|------------|------------|
| MARKER REPORTED IN GOOD CONDITION | 2017-01-16 | 2017-03-16 |
| MARKER REPORTED IN GOOD CONDITION | 1999-07-09 | 1999-07-20 |
| MARKER REPORTED IN GOOD CONDITION | 1992-12-16 | 1993-07-07 |
| MARKER REPORTED IN GOOD CONDITION | 1988-04-08 | 1988-07-21 |

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 131

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 131