

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 45.89350 dms
Longitude 114 09 39.04002 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03

Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 54122

Tablet Markings 1724.2

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1111.845 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662220.744 m
Easting -11266.441 m
Convergence -0 07 30.61 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 45674 661-8.136 | 364.328 | 1 | 38/2 | 0.999728 | 15 39 25.03 | 3.1 -0.01 |
| 278747 1723.14 | 396.769 | 1 | 33/2 | 0.999730 | 156 28 08.54 | 2.6 0.01 |
| 6205 661-8.130 | 405.256 | 1 | 32/2 | 0.999727 | 40 37 43.29 | 2.6 -0.01 |
| 214593 661-8.212 | 424.198 | 1 | 33/2 | 0.999731 | 295 11 03.49 | 2.3 -0.01 |
| 298513 661-8.120 | 434.367 | 1 | 25/1 | 0.999729 | 326 11 46.84 | 2.0 -0.01 |
| 247155 1724.9 | 476.063 | 1 | 25/1 | 0.999730 | 74 03 58.60 | 2.0 0.00 |

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

| Component | Magnitude | Std Dev |
|--------------------------|-----------|---------|
| Meridian Defl, XI(+N) | 2.4 s | 2 s |
| Prime Vert Defl, ETA(+E) | 6.7 s | 2 s |
| Geoid_Ellip Separation | -16.07 m | 1 m |

MARKER TYPE

Updated: 1993-11-18

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ VERT

| | | |
|---------------------|----------|----------|
| Originating Project | 69109 | 69109 |
| Published | 70-05-22 | 70-05-22 |
| Revising Project | NAD83 | 98016 |
| Published | 94-05-24 | 00-06-15 |
| Revising Project | | 98015 |
| Published | | 99-10-21 |
| Revising Project | | |
| Published | | |

MARKER LOCATION

Updated: 1984-10-09

IN PARK W OF THE SW LEG OF VICEROY DR NW; 62.5 M W OF B.O.W. PRODUCED S; 4.65 M
S OF B.O.W. N/S PRODUCED W; 76.6 M N OF E-W STEEL FENCE.

NON COORDINATE REVISIONS

| | |
|------------|---|
| 1970-05-22 | 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

1993-07-05 1993-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 22

VERT

| | | |
|----------|---------|--------------------------------------|
| 00-06-15 | 0.008 m | REVISED ELEVATION-BETTER INTEGRATION |
| 99-10-21 | 0.019 m | REVISED ELEVATION-BETTER INTEGRATION |

HISTORY 56614 8 22