

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 39.65374 dms  
Longitude 114 11 59.32777 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 57422

Tablet Markings 661-12.224

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

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1150.779 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5663888.606 m  
Easting -13991.524 m  
Convergence -0 09 19.90 dms  
Station Ellipsoid Factor 0.999822  
Station Combined Factor 0.999725

| ASCM Tablet<br>To Markings | Horizontal Distance<br>(m) (cm) | Std Dev<br>Order | Grid/ Grnd<br>Factor | Grid<br>Bearing<br>(dms) | Std<br>Dev<br>(s) | T-t<br>Corr<br>(s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 29058 661-12.260           | 125.106                         | 1 112/2          | 0.999723             | 10 36 55.26              | 6.9               | 0.00               |
| 191726 661-12.257          | 139.737                         | 1 129/3          | 0.999728             | 78 29 44.07              | 10.6              | 0.00               |
| 190215 661-12.258          | 194.785                         | 1 72/2           | 0.999724             | 53 01 45.05              | 5.5               | 0.00               |
| 278788 661-12.229          | 195.339                         | 1 41/2           | 0.999724             | 270 30 48.42             | 3.5               | 0.00               |
| 53355 661-12.261           | 214.779                         | 1 46/2           | 0.999725             | 6 16 42.55               | 3.9               | -0.01              |
| 283069 661-12.214          | 236.020                         | 1 38/2           | 0.999727             | 219 07 28.82             | 3.1               | 0.01               |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-09-09

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 76044 76044  
Published 83-06-14 83-06-14

IN CB. OF CENTER MEDIAN OF SILVER SPRINGS BLVD. AT SE LEG OF  
SILVERTHORN WAY NW; 0.10 M E OF F.O.C. W/S OF CONC. MEDIAN;  
IN LINE WITH B.O.W. S/S PROD. E; 19.3 M SW OF LT.S. .

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1977-09-09 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  
MARKER REPORTED IN GOOD CONDITION.

1993-10-22 1994-02-04  
1988-10-28 1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 224

00-06-15

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 224