

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 03.61253 dms
Longitude 113 57 07.47564 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 32870
Tablet Markings 661+4.96
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1091.615 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662757.043 m
Easting 3356.469 m
Convergence 0 02 14.27 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 157164 661+4.105 | 208.206 | 1 | 86/2 0.999729 | 87 53 30.63 | 7.1 | 0.00 |
| 296830 661+4.94 | 277.378 | 1 | 54/2 0.999730 | 184 41 36.28 | 4.2 | 0.00 |
| 269159 661+4.95 | 279.440 | 1 | 50/2 0.999730 | 159 20 31.92 | 3.5 | 0.00 |
| 240820 661+4.106 | 327.463 | 1 | 46/2 0.999730 | 123 34 34.99 | 3.7 | 0.00 |
| 166793 661+4.97 | 382.898 | 1 | 37/2 0.999733 | 305 36 12.91 | 2.5 | 0.00 |
| 239244 661+4.109 | 434.559 | 1 | 39/2 0.999732 | 136 06 15.85 | 2.8 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-11-30

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.47 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-15

Originating Project 80056 80056
Published 81-11-01 81-11-01

ON NORTH EAST CORNER OF INTERSECTION OF SOUTH SIDE OF HOUSE NO.4 FALWORTHBAY AT FALWORTH ROAD NE; 0.1 M NORTH EAST OF BACK OF CURVE ON CURVE; 2.2 M WEST OF THE MOST WEST WALL OF HOUSE PRODUCED SOUTH; 1.5 M SOUTH OF LIGHT STANDARD.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1981-11-30 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.

1994-02-09 1995-05-15
1988-10-13 1988-11-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 4 96

99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56613 4 96