

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 23.01602 dms  
Longitude 113 58 19.74419 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-12  
Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 14704  
Tablet Markings 661+4.125  
Mapsheet Name CALGARY B  
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1089.926 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5661501.899 m  
Easting 1950.956 m  
Convergence 0 01 18.01 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)
89623 661+4.127	262.306	1 61/2	0.999732	225 34 49.61	4.3	0.00
42275 661+4.124	310.928	1 51/2	0.999732	0 05 54.34	4.4	0.00
437616 661+4.179	313.093	1 64/2	0.999731	341 35 31.50	5.3	0.00
259929 661+4.72	348.701	1 40/2	0.999731	25 14 51.46	3.4	0.00
261115 661+4.123	373.629	1 45/2	0.999734	320 34 59.09	3.9	0.00
144725 661+4.128	384.921	1 44/2	0.999734	245 15 30.64	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-09-23

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 4.5 s 2 s  
Geoid\_Ellip Separation -16.43 m 1 m

ASC BRASS TABLET ON TOP OF 5.0 CM X 2.1 M STEEL PIPE

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-11

Originating Project 81043 81043  
Published 82-09-23 82-09-23

ON NORTH EAST CORNER OF THE SOUTH LEG OF WHITEFIELD CERSANT AT WHITEFIELD DRIVE  
NE; 2.3 M NORTH OF BACK OF ROLLED CURVE PRODUCED WEST; 0.15 M EAST OF BACK OF  
SEPARATE WALK; 3.6 M SOUTH OF THE SOUTH WALL OF HOUSE NO.307 WHITEFIELD DRIVE  
PRODUCED WEST.

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

NON COORDINATE REVISIONS

1982-09-23 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.

1994-02-25 1995-05-11  
1988-10-19 1988-11-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 4 125

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56613 4 125