

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 16.94116 dms
Longitude 113 57 45.67605 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 15388

Tablet Markings 661+4.48

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1100.796 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 5661314.481 m
Easting 2614.009 m
Convergence 0 01 44.52 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor
9613 661+4.51	195.358	1 67/2	0.999732
76943 661+4.138	324.237	1 40/2	0.999732
113829 658+4.181	326.318	1 40/2	0.999730
52555 658+4.167	332.102	1 33/2	0.999729
60673 661+4.52	360.482	1 33/2	0.999732
3475 658+4.176	376.205	1 35/2	0.999730

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
359 48 06.07	4.4	0.00
103 09 04.80	3.3	0.00
176 36 02.23	3.3	0.00
201 22 50.44	2.7	0.00
2 50 39.46	2.8	0.00
148 45 45.63	2.5	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.7 s	2 s
Prime Vert Defl,ETA(+E)	4.4 s	2 s
Geoid_Ellip Separation	-16.44 m	1 m

MARKER TYPE

Updated: 1976-12-01

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-11

Originating Project 76030
Published 76-03-01

ON SOUTH WEST CORNER OF WHILEHORN ROAD AT 49 STREET NE; 1.0 M SOUTH OF BACK OF WALK PRODUCED EAST; 3.2 M WEST OF BACK OF WALK PRODUCED NORTH; 0.6 M SOUTH WEST OF FACE OF CURVE ON CURVE.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 78006
Published 83-07-27
Revising Project
Published

NON COORDINATE REVISIONS

1976-12-01 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 1988-11-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 4 48

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+04.48 56613 4 48