

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 43.73483 dms
Longitude 113 57 49.59478 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 27060

Tablet Markings 661+4.68

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1097.790 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662142.359 m
Easting 2537.341 m
Convergence 0 01 41.48 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
134734 661+4.66	142.948	1	63/2 0.999732	103 13 54.71	4.0	0.00
201798 661+4.70	155.571	1	84/2 0.999731	233 24 41.60	7.0	0.00
103739 661+4.65	174.934	1	69/2 0.999730	131 09 21.49	5.8	0.00
71019 661+4.64	234.560	1	64/2 0.999733	117 23 15.58	4.8	0.00
176206 661+4.67	324.017	1	31/1 0.999734	99 11 44.21	2.2	0.00
79152 661+4.63	332.622	1	39/2 0.999731	139 53 38.80	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-18

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.45 m 1 m

ASC BRASS TABLET ON TOP OF 2.0" X 10.0' STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-11

Originating Project 78006 78006
Published 83-07-27 83-07-27

ON NORTH SIDE OF ROAD ACROSS FROM HOUSE NO.408 WHITELAND DRIVE NE; 0.1 M NORTH
OF BACK OF CURVE; 1.4 M EAST OF THE EAST WALL OF HOUSE PRODUCED NORTH; 14.7 M
WEST OF LIGTH STANDARD.

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

NON COORDINATE REVISIONS

1978-12-18 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.

1994-02-22 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 68

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+04.68 56613 4 68