

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 51.64433 dms  
Longitude 113 58 00.29825 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 1180  
Tablet Markings 658+4.68  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1080.719 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658678.706 m  
Easting 2330.644 m  
Convergence 0 01 33.11 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
133108 658+4.47	125.036	1 128/2	0.999735	147 17 01.99	10.2	0.00
72751 658+4.77	140.569	1 114/2	0.999735	220 43 48.73	8.0	0.00
190181 658+4.70	162.113	1 93/2	0.999731	34 33 43.78	6.9	0.00
40642 658+4.46	181.029	1 83/2	0.999734	286 16 27.11	5.6	0.00
102251 658+4.69	202.116	1 59/2	0.999733	359 10 08.96	5.2	0.00
175745 658+4.78	205.355	1 83/2	0.999732	199 27 26.10	6.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-10-31

Originating Project 76102 76102  
Published 76-10-31 76-10-31

LOCATED AT THE NORTH EAST CORNER OF MARDALE CRESCENT AND MARDALE CRESCENT NORTH  
EAST (EAST LEG); 0.2' EAST OF BACK OF WALK ON CURVE; 11.2' EAST OF BACK OF  
WALK EAST OF MARDALE CRESCENT PRODUCED SOUTH; IN LINE WITH BACK OF WALK  
NORTH MARDALE CRESCENT PRODUCED EAST.

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

1988-09-26 1988-10-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 68

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.68 56583 4 68