

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 33.49621 dms  
Longitude 113 57 51.52666 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 43265  
Tablet Markings 655+4.104  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1071.763 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658118.017 m  
Easting 2501.702 m  
Convergence 0 01 39.93 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
76471 658+4.87	145.564	1	69/2 0.999737	29 53 08.06	5.0	0.00
147819 655+4.103	161.820	1	31/1 0.999737	88 17 45.12	2.4	0.00
46524 658+4.85	193.654	1	41/2 0.999738	355 49 17.11	3.5	0.00
62885 655+4.214	199.095	1	35/1 0.999738	80 13 10.45	2.8	0.00
135046 658+4.82	250.150	1	36/1 0.999736	32 52 19.40	3.0	0.00
240960 658+4.49	266.574	1	26/1 0.999734	358 07 05.01	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.2 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: 1993-10-01

Originating Project 73123 73123  
Published 74-04-23 74-04-23

MON IS LOCATED ON THE SE COR OF MARIAN RD AND MARLBOROUGH DR SE; 3.5 M E OF THE  
B.O.W. E/S PROD.N; 0.3 M S OF THE B.O.W. S/S; 5.3 M NE OF LT.S.

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

NON COORDINATE REVISIONS

1974-01-16 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

1993-08-27 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 104

99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.104 56553 4 104