

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 34.58727 dms
Longitude 113 57 41.45262 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2006-06-23

ASCM 62885
Tablet Markings 655+4.214
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1069.319 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-05-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5658151.829 m
Easting 2697.852 m
Convergence 0 01 47.76 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
76471 658+4.87	154.369	1 65/2	0.999740	306 45 38.96	5.6	0.00
135046 658+4.82	186.346	1 43/2	0.999738	341 04 40.41	3.7	0.00
84525 655+4.191	198.463	1 30/1	0.999731	72 57 37.94	2.7	0.00
43265 655+4.104	199.095	1 35/1	0.999738	260 13 10.45	2.8	0.00
105288 658+4.81	204.695	1 49/2	0.999735	12 35 37.34	4.0	0.00
18952 655+4.215	220.811	1 45/2	0.999738	286 16 36.27	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

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
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-23

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

ON NW CORNER OF MARLBOROUGH DR AND MARCOMBE DR NE; FLUSH WITH BOW AT INTERSECTIO
N OF BOWS'; 3.5 M SW OF CB.

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 2006-05-16 2006-06-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 214

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.214 56553 4 214