

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 04.32469 dms  
Longitude 113 59 28.58826 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 41178

Tablet Markings 652+4.158

Date Printed 2025-08-03  
Last Updated 2017-03-20

Mapsheet Name CALGARY B  
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1048.571 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-05-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653508.135 m  
Easting 612.212 m  
Convergence 0 00 24.42 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
283994 652+4.137	110.635	1	63/2	0.999739	348 27	34.04	4.3	0.00
121988 652+4.88	175.524	1	57/2	0.999737	96 14	00.07	4.9	0.00
210229 652+4.136	267.951	1	60/2	0.999738	359 57	19.07	2.6	0.00
165332 652+4.138	337.330	1	39/2	0.999738	51 21	44.64	2.8	0.00
163337 652+4.153	370.245	1	24/1	0.999738	283 39	53.67	2.1	0.00
42812 652+4.135	371.489	1	35/2	0.999738	359 57	28.38	2.0	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-08-24

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 4.5 s 2 s  
Geoid\_Ellip Separation -16.29 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 76023 76023  
Published 83-05-31 83-05-31

ON SE COR OF DOVERCREST ROAD AT DOVERBROOK RD SE; 1.9 M E OF B.O.W. E/S PROD N;  
2.8 M S OF B.O.W. PROD W; 5.7 M SW OF CB.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-08-24 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1992-05-21 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 158

99-08-16

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.158 56523 4 158