

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 16.34411 dms  
Longitude 113 59 28.60000 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 42812

Tablet Markings 652+4.135

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 1053.298 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-05-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653879.527 m  
Easting 611.939 m  
Convergence 0 00 24.41 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
210229 652+4.136	103.538	1 145/2	0.999739	179 57 52.47	4.4	0.00
113084 652+4.134	138.955	1 94/2	0.999738	91 10 00.75	5.9	0.00
295097 652+4.140	257.165	1 51/2	0.999738	38 00 03.79	4.2	0.00
283994 652+4.137	263.998	1 49/2	0.999738	184 44 59.66	2.2	0.00
165332 652+4.138	308.948	1 49/2	0.999740	121 22 40.35	4.2	0.00
41178 652+4.158	371.489	1 35/2	0.999738	179 57 28.38	2.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-12-08

Meridian Defl, XI(+N) 3.0 s 2 s  
Prime Vert Defl, ETA(+E) 4.5 s 2 s  
Geoid\_Ellip Separation -16.30 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 75112 75112  
Published 83-05-12 83-05-12

ON NE COR OF DOVERTHORN RD AT 28 STREET SE; 2.8 M N OF B.O.W. N/S PROD W;  
0.15 M E OF B.O.W.; 6.8 M NW OF FH.

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

NON COORDINATE REVISIONS

1975-12-08 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

1992-05-13 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 135

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.135 56523 4 135