

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 04.32768 dms  
Longitude 113 59 25.07319 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2017-03-20

ASCM 69252  
Tablet Markings 652+4.147  
Mapsheet Name CALGARY B  
Mapsheet Number 5652 + 004  
Marker Condition GOOD 92-07-16

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1049.115 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653508.236 m  
Easting 680.721 m  
Convergence 0 00 27.15 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)
121988 652+4.88	107.678	1 102/2	0.999732	100 14 57.27	8.2	0.00
283994 652+4.137	141.236	1 57/2	0.999739	320 03 56.65	4.7	0.00
210229 652+4.136	276.529	1 61/2	0.999737	345 36 26.17	3.3	0.00
165332 652+4.138	286.937	1 49/2	0.999736	42 48 08.78	3.5	0.00
113084 652+4.134	375.171	1 40/2	0.999738	10 46 22.83	3.4	0.00
42812 652+4.135	377.707	1 37/2	0.999738	349 30 17.57	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 4.4 s 2 s  
Geoid\_Ellip Separation -16.30 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 75112  
Published 83-05-12

ON SW COR OF N LEG OF DOVERBROOK RD SE; 1.9 M W OF B.O.W. PROD N; 2.5 M S OF  
B.O.W. PROD E; 0.005 M SW B.O.W. ON CURVE.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project 76023  
Published 83-05-31  
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 1992-07-16 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 147

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.147 56523 4 147