

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 15.80195 dms
Longitude 113 59 07.27855 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 60715

Tablet Markings 652+4.92

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 1053.598 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-05-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653862.840 m
Easting 1027.466 m
Convergence 0 00 40.98 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
257816 652+4.93	119.045	1	59/2	0.999736	90 11 33.25	3.8	0.00
295592 652+4.142	127.036	1	63/2	0.999741	37 50 42.11	5.4	0.00
26807 652+4.91	207.778	1	34/1	0.999738	148 26 00.20	2.9	0.00
165332 652+4.138	209.405	1	48/2	0.999737	226 29 23.01	3.3	0.00
297093 652+4.141	237.236	1	38/2	0.999739	22 16 07.87	3.1	0.00
253310 652+4.53	273.414	1	26/1	0.999739	0 33 34.06	2.1	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

MARKER TYPE

Updated: 1993-02-02

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

COORDINATE HISTORY

Originating Project 73120 73120
Published 83-03-08 83-03-08

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

MARKER LOCATION

Updated: 1993-02-02

ON NW COR OF 33 ST AND DOVER RIDGE DR SE; 0.70 M W OF B.O.W. PROD S; 6.7 M N OF B.O.W. PROD E; 0.40 M NW OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1974-03-01 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

1992-05-19 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56523 4 92

VERT

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.92 56523 4 92