

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 04.32668 dms
Longitude 114 08 28.82882 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2017-03-20

ASCM 40055
Tablet Markings 652-8.167
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008
Marker Condition GOOD 91-05-02

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1127.913 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 5653517.669 m
Easting -9917.028 m
Convergence -0 06 35.53 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
289454 652-8.27	136.135	1 59/2	0.999730	168 34 20.70	3.4	0.00
274589 652-8.104	235.421	1 47/2	0.999729	265 10 40.99	3.9	0.00
211698 652-8.29	239.848	1 33/1	0.999725	359 56 11.18	2.8	-0.01
35790 652-8.33	276.363	1 54/2	0.999727	26 21 06.61	4.5	-0.01
123885 652-8.34	307.557	1 49/2	0.999725	47 40 50.01	4.2	-0.01
45328 652-8.101	327.950	1 40/2	0.999727	179 33 45.92	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-04-26

Meridian Defl, XI(+N) 3.2 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 6.5' STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-21

Originating Project 72108 72108
Published 83-02-03 83-02-03

ON NW CORNER OF 41 AVE AND 37 ST. SW.; 3.9 M. N OF B.O.W. ON N/S OF
41 AVE. PROD. E.; 0.18 M. E OF F.O.W. ON W/S OF 37 ST.; 3.8 M. W OF C.B.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-04-26 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

1991-05-02 1991-11-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 167

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.167 56524 8 167