

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 04.24507 dms
Longitude 113 56 07.09755 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 17467

Tablet Markings 652+8.22

Date Printed 2025-08-03
Last Updated 2021-11-15

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1047.428 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 21-08-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5653507.631 m
Easting 4539.251 m
Convergence 0 03 01.04 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
234401 270181	737.944	1 14/1	0.999740	179 35 28.25	1.1	-0.01
183152 652+4.82	1008.710	1 11/1	0.999738	306 58 05.03	0.9	0.01
61382 652+8.24	1106.339	1 12/1	0.999738	56 38 08.16	1.0	0.01
7351 652+8.26	1323.126	1 11/1	0.999739	141 01 24.62	0.9	-0.01
62489 652+4.121	1380.667	1 8/1	0.999739	215 22 24.87	0.7	-0.01
223297 652+4.81	1643.546	1 7/1	0.999738	328 26 11.02	0.6	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-22

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 3.7 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, 30 CM W OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2021-11-15

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

LOCATED ON CLOSED PORTION OF 68 ST AND N OF 1/4 LINE OF SECTION 22-24-24-W4M; 58
0 M S OF ENTRANCE TO EAST CALGARY LANDFILL SITE SE; 21 M EAST OF CENTRELINE OF N
-S ASPHALT ACCESS ROAD.

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

FOR ACCESS CONTACT THE EAST CALGARY LANDFILL FOREMAN AT CALGARY 311.

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	2021-08-27	2021-11-15
MARKER REPORTED IN GOOD CONDITION	2007-03-12	2007-06-22
MARKER REPORTED IN GOOD CONDITION	1992-06-08	1992-07-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 8 22

99-08-16

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+08.22 56523 8 22