

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 24.06859 dms
Longitude 114 04 58.43224 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 25460
Tablet Markings 2019.25
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1053.905 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-01-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654121.443 m
Easting -5815.732 m
Convergence -0 03 52.00 dms
Station Ellipsoid Factor 0.999837
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)
34785 2019.26	153.947	1 128/3	0.999736	268 07 30.91	5.0	0.00
63511 2019.24	343.920	1 49/2	0.999735	356 16 10.65	3.7	-0.01
284760 2019.63	369.894	1 70/2	0.999737	349 38 49.19	5.5	-0.01
58651 2018.27A	376.950	1 71/2	0.999739	248 10 17.05	5.9	0.00
28126 2019.27	383.319	1 70/2	0.999737	269 53 33.54	3.0	0.00
66704 D57	389.669	1 72/2	0.999738	155 36 22.12	5.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-23

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.14 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM. BGL, MANHOLE, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-11-25

Originating Project 68102 68102
Published 70-06-24 70-06-24

ON N/S OF 34 AVE. AT LANE BETWEEN 7A ST. AND 8 ST SW.; 1.5 M. N. OF F.O.C.;
2.6 M. W OF FENCE ON E/S OF LANE PROD. N.; 3.3 M. E OF POWER POLE.

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

NON COORDINATE REVISIONS

1970-06-24 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.
MARKER REPORTED IN GOOD CONDITION

1992-01-06 1992-01-23
1991-11-19 1992-11-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 97

01-02-07

0.033 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 97