

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 23.89998 dms
Longitude 114 05 06.32535 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 34785

Date Printed 2025-08-03
Last Updated 2013-01-17

Tablet Markings 2019.26

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1081.304 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Marker Condition GOOD 01-02-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5654116.408 m
Easting -5969.556 m
Convergence -0 03 58.14 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
25460 2019.25	153.947	1 128/3	0.999736	88 07 30.91	5.0	0.00
28126 2019.27	229.495	1 118/3	0.999735	271 04 41.27	3.7	0.00
58651 2018.27A	238.113	1 109/3	0.999737	235 25 29.99	9.1	0.00
197574 2018.27B	282.801	1 92/3	0.999735	227 55 34.12	7.1	0.00
114660 2019.57	302.600	1 92/3	0.999736	321 53 38.72	7.9	0.00
227041 D63	363.960	1 49/2	0.999735	179 37 46.14	4.2	0.01

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

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 BELOW MANHOLE FRAME AND COVER
10 CM BGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2001-08-15

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

IN SURVEY TYPE MANHOLE IN CONC SIDEWALK WHICH IS ON E/S OF 8 A ST AT 34 AVE SW;
0.9 M S OF F.O.C. PROD. E; 0.7 M E OF F.O.C.; 5.4 M S OF E-W POW.L.

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
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2001-02-27	2001-08-15
MARKER REPORTED IN GOOD CONDITION	1992-12-23	1993-07-07
MARKER REPORTED IN GOOD CONDITION	1992-11-10	1993-01-04
MARKER REPORTED IN GOOD CONDITION	1992-08-04	1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 99

01-02-07

0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 99