

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 31.05352 dms
Longitude 114 00 34.59312 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 26286

Tablet Markings C37

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1036.094 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-03-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5652480.087 m
Easting -674.351 m
Convergence -0 00 26.89 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

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)
140392 G51	562.184	1	36/2	0.999741	66 52 00.81	2.0	0.00
105114 G50	763.464	1	26/2	0.999740	42 38 36.52	1.9	0.00
206052 C18	788.050	1	29/2	0.999741	345 25 00.55	2.4	0.00
124826 649+4.26	827.409	1	27/2	0.999740	129 03 50.18	1.9	0.00
79889 649+0.187	887.825	1	24/1	0.999740	185 54 21.73	2.0	0.00
371351 652+4.196	911.119	1	23/1	0.999739	103 00 38.43	1.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2008-03-31

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.7 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND, 20 M W OF BROKEN GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2015-05-01

Originating Project 69103
Published 70-10-06

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project 72113
Published 72-11-20
Revising Project
Published

IN SW COR OF BRIDGE OVER IRRIGATION CANAL ON S/S OF 50 AVENUE S.E.; 3.6 M
SOUTH OF F.O.C.; 24.3 M EAST OF N-S STEEL FENCE ON W/S OF CANAL PROD. N.;
IN LINE WITH E-W POWER LINE.
2.2 M W. OF CENTRE OF LARGE PP
2.4 M N. OF CHAIN LINK FENCE

NON COORDINATE REVISIONS

1970-10-06 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 CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2015-03-18	2015-05-01
MARKER REPORTED IN GOOD CONDITION	2008-02-28	2008-03-31
MARKER REPORTED IN GOOD CONDITION	1998-10-15	1998-11-19
MARKER REPORTED IN GOOD CONDITION	1995-12-05	1996-03-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 166

99-08-16 0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 166