

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 56.82100 dms
Longitude 114 02 56.32034 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 11155
Tablet Markings 2118.17
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1062.330 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-02-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5653277.382 m
Easting -3436.622 m
Convergence -0 02 17.06 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Grid Order	Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
294439 2218.22	218.449	1	114/3	0.999736	108 05 32.30	9.7	0.00
75473 2218.23	266.090	1	64/2	0.999737	139 22 16.94	5.5	0.00
111807 2118.35	365.662	1	49/2	0.999738	244 36 48.33	4.2	0.00
185496 2218.20	369.375	1	54/2	0.999734	38 28 30.51	4.2	0.00
214809 2218.16	492.858	1	43/2	0.999735	53 39 11.76	3.5	0.00
234997 2118.38	516.228	1	39/2	0.999739	210 20 54.27	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-17

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.20 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
25 CM BGL, IN MANHOLE+COVER, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2017-03-16

Originating Project 69104 69104
Published 70-06-24 70-06-24

IN SURVEY TYPE M/H SET IN CONCRETE SIDEWALK ON SW CORNER OF BLACKFOOT TR AND
42 AVE SE; 13.6 M E OF E WALL OF THE COSTUME SHOPPE BLDG PROD N;
6.4 M S OF F.O.C. PROD. E; 0.25 M NE OF B.O.W. ON CURVE.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
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 CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2017-02-07	2017-03-16
MARKER REPORTED IN GOOD CONDITION	1999-09-21	2001-08-17
MARKER REPORTED IN GOOD CONDITION	1996-09-27	1996-12-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 109

99-08-16

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 109