

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 45.76715 dms  
Longitude 114 03 30.12839 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-07  
Date Printed 2025-08-03  
Last Updated 2019-03-25

ASCM 59709  
Tablet Markings 640-4.95  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1044.875 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5641812.663 m  
Easting -4104.640 m  
Convergence -0 02 43.10 dms  
Station Ellipsoid Factor 0.999839  
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)
297002 640-0.182	120.094	1 108/2	0.999738	36 40 27.60	5.9	0.00
277202 640-4.80	206.604	1 77/2	0.999741	303 36 21.52	6.4	0.00
159079 640-0.197	338.603	1 53/2	0.999739	154 00 48.82	3.8	0.00
217125 640-4.63	339.914	1 47/2	0.999738	354 25 50.46	3.9	0.00
106062 640-0.94	470.754	1 36/2	0.999739	35 36 04.19	3.1	0.00
17491 640-0.199	476.101	1 42/2	0.999739	54 27 03.25	3.5	0.00

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 4.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -15.98 m 1 m

MARKER TYPE

Updated: 1983-11-28

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

Originating Project 82028 82028  
Published 83-12-02 83-12-02

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

MARKER LOCATION

Updated: 1994-06-29

ON W/S OF MIDPARK CRES AND MIDPARK CRES SE; 5CM W OF W B.W.;  
ON S P/L OF LOT 6, BLOCK 37, HOUSE # 144;  
1.2 M SOUTH OF THE SOUTH WALL OF HOUSE NO. 144 MIDPARK CRESCENT SOUTH EAST.

NON COORDINATE REVISIONS

1983-11-28 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

1994-05-04 1994-06-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 4 95

VERT

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY

56404 4 95