

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 41.58043 dms  
Longitude 114 04 55.21837 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-09

ASCM 14837

Tablet Markings 640-4.108

Date Printed 2025-08-03  
Last Updated 2019-03-25

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1069.903 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-04-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5641684.879 m  
Easting -5766.929 m  
Convergence -0 03 49.14 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
129494 640-4.109	181.449	1	66/2	0.999733	339 07 37.97	4.5 0.00
300244 300244	181.495	1	50/2	0.999732	224 10 29.76	3.4 0.00
450833 450833	247.696	1	44/2	0.999734	285 31 38.39	3.8 0.00
142034 640-4.111	299.876	1	53/2	0.999735	27 28 10.91	4.5 0.00
130609 640-4.106	322.019	1	53/2	0.999736	140 49 05.91	4.1 0.00
381384 381384	340.627	1	35/2	0.999733	204 17 06.52	2.5 0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-05-04

Meridian Defl, XI(+N) 4.4 s 2 s  
Prime Vert Defl, ETA(+E) 6.5 s 2 s  
Geoid\_Ellip Separation -15.92 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5.0 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-07-21

Originating Project 82026 82026  
Published 82-12-09 82-12-09  
  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 88033 88033  
Published 89-05-31 89-05-31  
Revising Project  
Published

LOCATED ON THE NORTH WEST CORNER OF SHANNON DRIVE AND SHAWNESSY DRIVE SOUTH  
WEST AT THE INTERSECTION OF BACK OF ROLLED CURB AND FACE OF WALK'S IN FRONT  
OF HOUSE #318 - SHAWNESSY DRIVE SOUTH WEST; IN CUT-OUT AT FACE OF SEPERATE  
WALK.

NON COORDINATE REVISIONS

1982-12-01 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
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	1991-04-16	1991-05-16
MARKER REPORTED IN GOOD CONDITION	1989-04-04	1989-05-04
MARKER CAP IS EFFACED	1988-04-28	1988-07-21

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 4 108

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT  
89-05-31 212 00 03 0.107 m MOVEMENT DETECTED

VERT

01-02-07 0.004 m ELEVATION REVISED AND REINTEGRATED  
89-05-31 0.018 m REVISED ELEV. FROM SUSPECTED MARKER MOVEMENT

HISTORY 56404 4 108