

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 28.52908 dms
Longitude 114 07 32.38574 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-12
Date Printed 2025-08-03
Last Updated 2018-02-12

ASCM 46250
Tablet Markings 643-8.47
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1107.547 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-03-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5644993.783 m
Easting -8831.479 m
Convergence -0 05 51.28 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

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)
68189 643-8.48	259.569	1	42/2	0.999730	90 09 09.25	3.2	0.00
80564 643-8.85	318.670	1	41/2	0.999729	170 54 33.80	3.2	0.01
94326 643-8.61	332.154	1	36/2	0.999729	355 19 53.93	2.9	-0.01
55442 643-8.86	341.737	1	38/2	0.999731	123 57 30.42	3.1	0.00
261107 643-8.84	451.154	1	27/1	0.999730	168 13 01.78	2.3	0.01
135483 643-8.87	490.194	1	24/1	0.999731	143 10 19.81	2.1	0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 4.1 s 2 s
Prime Vert Defl, ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.89 m 1 m

MARKER TYPE

Updated: 1980-09-10

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	79042 79-12-01	79042 79-12-01
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1989-04-24

LOCATED AT THE INTERSECTION OF WOODVIEW DRIVE AND WOODBINE BOULEVARD SOUTH WEST IN MEDIAN ON WOODVIEW DRIVE (EAST SIDE OF INTERSECTION); 0.4 M EAST OF THE WEST END OF BULLNOSE OF MEDIAN.

NOTE: MONUMENT REVISED VERTICALLY AS OF AUGUST 1984 IN PF #83047.

NON COORDINATE REVISIONS

1980-09-10 FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Inspected	Updated
1991-03-26	1991-08-19
1989-02-22	1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 8 47

VERT

01-02-07

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-08.47 56434 8 47