

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 28.52082 dms
Longitude 114 07 19.09312 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-12
Date Printed 2025-08-03
Last Updated 2018-02-13

ASCM 68189
Tablet Markings 643-8.48
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1104.759 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: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5644993.092 m
Easting -8571.981 m
Convergence -0 05 40.96 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)
55442 643-8.86	191.694	1	52/2	0.999730	172 50 34.20	4.0	0.00
46250 643-8.47	259.569	1	42/2	0.999730	270 09 09.25	3.2	0.00
265975 643-8.41	310.037	1	35/2	0.999731	109 34 04.62	3.0	0.00
463679 643-8.93	348.942	1	46/2	0.999729	50 46 52.53	3.6	0.00
80564 643-8.85	377.298	1	40/2	0.999730	213 40 39.81	3.5	0.01
135483 643-8.87	393.175	1	33/2	0.999731	175 00 03.81	2.7	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) 6.9 s 2 s
Geoid_Ellip Separation -15.90 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	83047 84-09-05	
Revising Project Published		

MARKER LOCATION Updated: 1989-04-25

LOCATED AT THE INTERSECTION OF WOODVIEW DRIVE AND WOODFIELD DRIVE SOUTH WEST;
IN MEDIAN ON WOODVIEW DRIVE (WEST SIDE OF INTERSECTION); 0.4 M WEST OF EAST 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

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1991-03-26	1991-08-19
MARKER REPORTED IN GOOD CONDITION.	1989-02-22	1989-04-25

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 8 48

HORZ	VERT	Comments
94-05-24		ALBERTA NAD83 READJUSTMENT
84-09-05 88 35 16	0.019 m	MOVEMENT DETECTED
	01-02-07	0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 48