

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 57.30337 dms  
Longitude 114 06 22.30489 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 26039  
Tablet Markings D93  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1094.014 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 84-10-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5651442.558 m  
Easting -7454.072 m  
Convergence -0 04 57.10 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
86967 649-4.218	219.381	1	100/3 0.999731	260 46 06.06	8.4	0.00
64246 649-4.224	232.553	1	90/2 0.999735	356 53 40.33	5.3	0.00
242602 D87	243.629	1	86/2 0.999734	20 40 56.02	4.2	0.00
145664 D95	284.440	1	70/2 0.999730	139 48 58.61	3.9	0.00
5983 649-4.220	304.341	1	69/2 0.999732	318 58 42.94	5.2	0.00
127985 649-4.216	429.632	1	51/2 0.999732	208 04 07.48	3.7	0.01

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 3.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.5 s 2 s  
Geoid\_Ellip Separation -16.05 m 1 m

MARKER TYPE Updated: 1973-02-06

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

Originating Project 72111 72111  
Published 70-06-24 70-06-24  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION Updated: 1973-02-06

INTERSECTION 19 ST - S OF 58 AVE SW (IN LAKEVIEW GOLF COURSE);  
40' +/- E OF E P/L 19 ST PRODUCED S;  
600' +/- S OF S P/L 58 AVE; 10' W OF W BANK OF RESERVOIR.

NON COORDINATE REVISIONS

1973-02-06 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 4 40

VERT 99-08-16 0.041 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 40