

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 52.31519 dms  
Longitude 114 00 18.89046 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-08  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 8656  
Tablet Markings 658-0.159  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 000  
Marker Condition GOOD 00-08-01

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1087.881 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660552.898 m  
Easting -367.672 m  
Convergence -0 00 14.70 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

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)
200139 658-0.168	185.512	1	38/1	0.999732	179 39 06.58	2.7	0.00
29645 658-0.171	305.249	1	33/1	0.999733	236 45 56.07	2.7	0.00
297267 658-0.165	364.869	1	30/1	0.999733	324 33 48.52	2.5	0.00
176149 658-0.169	466.355	1	17/1	0.999733	180 12 14.84	1.5	0.00
28472 658-0.172	468.535	1	21/1	0.999733	246 59 34.76	1.9	0.00
97956 658+4.334	470.742	1	25/1	0.999733	84 41 51.23	2.0	0.00

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 4.8 s 2 s  
Geoid\_Ellip Separation -16.37 m 1 m

MARKER TYPE

Updated: 2000-09-26

ASC BRASS TABLET ON TOP OF 2"X 7' STEEL PIPE.  
2 CM AGL, LANDSCAPED.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	80039	80039
Published	81-11-18	81-11-18
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1988-07-20

LOCATED ON SOUTH WEST CORNER 32 AVENUE & 23 STREET NORTH  
EAST; 5.30 M WEST OF BACK OF CURB WEST 23 STREET NORTH  
EAST; 21.00 M SOUTH OF BACK OF CURB SOUTH 32 AVENUE NORTH  
EAST; 4.0 M WEST SOUTH WEST OF FACE OF CURB ON CURVE.

NON COORDINATE REVISIONS

1981-12-30 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	2000-08-01	2000-09-26
MARKER REPORTED IN GOOD CONDITION	1993-04-29	1993-08-10
MARKER REPORTED IN GOOD CONDITION	1991-08-12	1991-11-13
MARKER REPORTED IN GOOD CONDITION.	1989-11-28	1990-04-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 0 159

VERT

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 159