

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 00.31378 dms
Longitude 113 56 18.47590 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 38646
Tablet Markings 658+8.101
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1079.896 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660801.840 m
Easting 4311.395 m
Convergence 0 02 52.36 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

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)
183871 658+8.102	127.921	1	70/2	0.999733	13 57 22.57	5.0	0.00
41475 658+8.96	167.733	1	78/2	0.999735	269 08 49.69	6.5	0.00
194704 658+8.99	191.649	1	57/2	0.999732	352 23 37.24	4.6	0.00
146126 658+8.103	202.220	1	59/2	0.999734	200 08 38.15	4.8	0.00
65896 658+8.107	271.643	1	66/2	0.999732	287 48 13.87	5.4	0.00
64089 658+8.106	271.682	1	52/2	0.999735	268 56 18.40	4.2	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.8 s	2 s
Prime Vert Defl,ETA(+E)	4.2 s	2 s
Geoid_Ellip Separation	-16.47 m	1 m

MARKER TYPE

Updated: 1982-03-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

	HORZ	VERT
Originating Project	77045	77045
Published	82-03-01	82-03-01
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1988-11-03

LOCATED ON THE NORTH WEST CORNER OF 34 AVENUE AND TEMPLETON ROAD NORTH EAST;
0.05 M NORTH WEST OF BACK OF WALK ON CURVE; 2.2 M NORTH OF BACK OF WALK
PRODUCED EAST; 3.4 M WEST OF WEST BACK OF WALK PRODUCED NORTH.

NON COORDINATE REVISIONS

Date	Description
1982-03-01	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.

1988-10-05 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 101

VERT

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56583 8 101