

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 58.80130 dms
Longitude 113 56 10.07367 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 9951
Tablet Markings 658+8.128
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.139 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-06-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658901.268 m
Easting 4476.571 m
Convergence 0 02 58.85 dms
Station Ellipsoid Factor 0.999834
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)
159673 658+8.85	116.971	1	94/2	0.999735	207 34 20.56	6.9	0.00
231514 658+8.129	149.554	1	60/2	0.999735	7 02 56.28	3.4	0.00
234880 658+8.34	173.546	1	58/2	0.999734	241 58 15.35	4.6	0.00
204529 658+8.95	192.691	1	47/2	0.999733	167 45 57.90	3.0	0.00
211797 658+8.84	229.880	1	57/2	0.999737	194 20 12.34	4.2	0.00
83949 658+8.44	255.109	1	39/2	0.999735	300 58 21.70	3.3	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)	3.9 s	2 s
Geoid_Ellip Separation	-16.45 m	1 m

MARKER TYPE

Updated: 1991-08-02

A 1"X5' IRON BAR

FLUSH W/GRND

COORDINATE HISTORY

HORZ

VERT

Project	Date	Horz	Vert
Originating Project	79013	79013	
Published	83-08-19	83-08-19	
Revising Project	NAD83	98015	
Published	94-05-24	99-10-21	
Revising Project	86033		
Published	87-05-27		
Revising Project			
Published			

MARKER LOCATION

Updated: 1988-11-03

LOCATED AT INTERSECTION OF TRANS-CANADA HIGHWAY AND 68 STREET NORTH EAST;
4.57 M SOUTH OF CHAIN LINK FENCE; 14.93 M EAST OF POINT OF INTERSECTION
BETWEEN #335 AND #331 MAITLAND CRESCENT; 16.46 M WEST OF BACK OF WALK WEST;
30.48 M NORTH OF FACE OF CURB NORTH MAITLAND CRESCENT.

NOTE: STATION REVISED VERTICALLY IN PF 86033, JUN 87.

NON COORDINATE REVISIONS

Date	Description
1980-05-16	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Comment	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1991-06-12	1991-08-02
MARKER REPORTED IN GOOD CONDITION.	1988-10-03	1988-11-03
MARKER REPORTED IN GOOD CONDITION	1988-02-09	1988-06-29

COORDINATE HISTORY COMMENTS

Date	Comment
HORZ 94-05-24	ALBERTA NAD83 READJUSTMENT
87-05-27 225 10 46	0.021 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 128

VERT

99-10-21 0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 128