

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 27.18207 dms
Longitude 113 56 08.25148 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-04

ASCM 53710

Tablet Markings 658+8.51

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1073.770 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5659778.253 m
Easting 4511.282 m
Convergence 0 03 00.29 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	Std Dev (s)	T-t Corr (s)
786699 786699	173.892	1	35/1	0.999735	161 30 17.69	2.7	0.00	
611889 611889	205.213	1	34/1	0.999733	4 22 29.75	2.7	0.00	
169490 658+8.49	257.614	1	27/1	0.999737	222 57 19.80	2.2	0.00	
840819 840819	309.867	1	26/1	0.999736	80 26 22.08	2.3	0.00	
824367 824367	323.373	1	28/1	0.999735	130 44 07.63	2.2	0.00	
448670 658+8.137	368.974	1	19/1	0.999735	55 41 33.95	1.7	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-02-18

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

Originating Project 76030 76030
Published 76-03-01 76-03-01

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-12-01

ON SOUTH WEST CORNER OF 67A STREET AND 24 AVENUE NORTH EAST; 3.4 M WEST OF BACK
OF WALK PRODUCED NORTH; 2.4 M SOUTH OF BACK OF WALK PRODUCED EAST; 0.05 M SOUTH
WEST OF BACK OF WALK ON CURVE; 2.8 M NORTH WEST OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1976-12-01 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	1994-11-01	1994-12-01
MARKER REPORTED IN GOOD CONDITION	1991-08-20	1992-02-18
MARKER REPORTED IN GOOD CONDITION	1991-01-29	1991-08-01
MARKER REPORTED IN GOOD CONDITION.	1988-10-04	1988-11-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 51

VERT

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.51 56583 8 51