

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 01.48345 dms  
Longitude 114 03 22.87940 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 60251  
Tablet Markings 658-0.128  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1079.018 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 09-04-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658983.715 m  
Easting -3949.915 m  
Convergence -0 02 37.82 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
122770 658-0.127	184.158	1 43/2	0.999736	8 53 10.44	2.8	0.00
71035 658-0.126	320.124	1 31/1	0.999733	54 36 58.71	2.7	0.00
55269 658-0.100	486.056	1 25/1	0.999733	152 28 47.98	2.2	0.00
37705 658-0.123	503.791	1 20/1	0.999734	0 09 10.82	1.7	-0.01
114801 658-4.241	543.903	1 20/1	0.999735	333 23 37.89	1.8	0.00
42655 658-0.124	561.013	1 21/1	0.999735	29 59 43.75	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-11-30

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 5.6 s 2 s  
Geoid\_Ellip Separation -16.26 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE, STAMPED 658/0.128.  
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

HORZ VERT

Originating Project 71101 71101  
Published 71-03-01 71-03-01

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-08-10

ON NW CORNER OF 16 AVENUE AND EDMONTON TRAIL NE; 0.50 M N OF B.O.W. PRODUCED E;  
4.3 M W OF B.O.W. PRODUCED S; 0.90 M E OF SIGNAL LTS.

NOTE: MONUMENT REVISED VERTICALLY - SOURCE PROJECT 83024

NON COORDINATE REVISIONS

1972-01-25 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	2009-04-30	2009-06-30
MARKER REPORTED IN GOOD CONDITION	2003-08-05	2003-12-22
MARKER REPORTED IN GOOD CONDITION	2002-08-06	2003-01-28
MARKER REPORTED IN GOOD CONDITION	2001-10-22	2001-11-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 128

00-06-15

0.041 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00.128 56584 0 128