

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 08 09.93927 dms  
Longitude 114 00 07.15495 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

Date Printed 2025-08-03  
Last Updated 2012-07-27

ASCM 32615

Tablet Markings 664+00.54

Mapsheet Name CALGARY H  
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1086.602 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-07-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5666659.429 m  
Easting -139.094 m  
Convergence -0 00 05.57 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
29629 664+00.55	377.693	1	32/2	0.999734	269 22	22.25	2.6	0.00
108506 664+00.59	571.268	1	25/1	0.999732	316 48	17.43	2.0	0.00
156646 DOT702113	573.158	1	24/1	0.999733	227 14	33.96	2.1	0.00
235408 DOT702348	717.658	1	21/1	0.999732	161 39	22.74	1.7	0.00
226761 664+04.36	737.578	1	22/1	0.999732	122 48	31.39	1.8	0.00
244673 DOT702353	776.082	1	18/1	0.999733	242 42	28.01	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.45 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
MANHOLE & COVER, 0.4M N OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 73124 73124  
Published 74-05-17 74-05-17  
  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON THE W/S OF BARLOW TR NE W OF ASPHALT STRIP FOR "OLD" BARLOW TR AND N OF AIRPORT RD NE; 1.1 M W OF STEEL PAGE WIRE FENCE LINE PROD N (W/BDY BARLOW TR) ; 14.1 M W OF W/EDGE OF ASPHALT STRIP FOR "OLD" BARLOW TR; +/- 250 N OF N/EDGE OF ASPHALT FRO AIRPORT RD.

NON COORDINATE REVISIONS

1983-04-19 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER RPEORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

2006-10-19 2007-06-25  
1994-10-28 1995-01-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 0 54

VERT

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 0 54