

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 20.15091 dms  
Longitude 114 09 18.46136 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 65201  
Tablet Markings 652-8.123  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1142.243 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5654008.572 m  
Easting -10883.333 m  
Convergence -0 07 14.14 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
49882 652-8.124	176.808	1 51/2	0.999727	186 13 45.72	4.1	0.00
177352 652-8.122	197.227	1 41/2	0.999729	90 22 52.50	3.6	0.00
122275 652-8.125	224.273	1 49/2	0.999725	274 05 08.81	4.3	0.00
231662 652-8.126	302.009	1 43/2	0.999724	273 05 11.56	3.6	0.00
284778 652-8.144	318.657	1 47/2	0.999724	318 40 19.82	3.8	-0.01
170373 652-8.147	348.469	1 34/2	0.999725	57 15 19.89	2.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.98 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 72108 72108  
Published 83-02-03 83-02-03

ON SE CORNER OF 35 AVENUE AT 47 STREET S.W.; 0.30 M SOUTH OF B.O.W.; 6.6 M  
EAST OF B.O.W. EAST SIDE PRODUCED NORTH; 9.85 M NE OF LT.S.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98016  
Published 00-06-15  
Revising Project  
Published

NON COORDINATE REVISIONS

1973-04-26 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 1993-01-18 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 123

01-02-07 0.013 m ELEVATION REVISED AND REINTEGRATED  
00-06-15 0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.123 56524 8 123