

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 44.68423 dms  
Longitude 114 09 00.84415 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 30403

Tablet Markings 652-8.95

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1133.515 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5652911.965 m  
Easting -10542.241 m  
Convergence -0 07 00.39 dms  
Station Ellipsoid Factor 0.999825  
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
210864 652-8.97	134.792	1 59/2	0.999723	83 26 43.84	4.7	0.00
53033 652-8.93	172.286	1 46/2	0.999729	276 36 49.80	4.0	0.00
255919 652-8.98	184.837	1 60/2	0.999725	135 31 35.92	4.8	0.00
112177 652-8.96	218.729	1 46/2	0.999726	358 12 43.01	4.0	-0.01
38562 652-8.94	238.849	1 46/2	0.999728	308 25 49.01	3.9	0.00
30031 652-8.92	344.854	1 35/2	0.999727	268 55 03.13	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-11-28

Meridian Defl, XI(+N) 3.3 s 2 s  
Prime Vert Defl, ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.97 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 4' STEEL PIPE.  
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-28

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

ON S/S OF 46 AVE. AT GOVERNOR DR. SW.; 0.35 M. S OF B.O.W. ON S/S OF 46 AVE.;  
2.4 M. W OF F.O.C. ON E/S OF GOVERNOR DR. PROD. S.; 3.5 M. E OF LT.ST.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
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  
MARKER REPORTED IN GOOD CONDITION

1993-01-22 1993-06-11  
1991-04-26 1991-11-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 95

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.95 56524 8 95