

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 28.83419 dms  
Longitude 114 01 46.79341 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 66-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 53728  
Tablet Markings A28  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1039.488 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 96-03-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5656119.808 m  
Easting -2080.343 m  
Convergence -0 01 23.04 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
280552 2220.7	177.050	1	85/2	0.999739	146 29 12.14	6.7	0.00
250027 2220.8	317.380	1	50/2	0.999740	181 51 17.37	4.3	0.00
200329 A29	328.849	1	67/2	0.999740	71 33 46.25	5.6	0.00
70789 655-0.291	397.656	1	40/2	0.999740	257 43 28.53	3.3	0.00
111195 2219.53	401.487	1	42/2	0.999741	184 43 16.46	3.6	0.00
133983 A23A	469.750	1	49/2	0.999740	334 21 43.34	4.0	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.27 m 1 m

MARKER TYPE

Updated: 1970-10-19

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 2.0 CM BELOW GROUND LEVEL.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	69111 70-10-19	69111 70-10-19
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2001-08-28

ON N/S OF ROAD ACROSS FROM HOUSE #13 NEW STREET SE;  
0.40 M N OF F.O.C.;  
1.10 M E OF MOST EASTERLY WALL OF HOUSE PROD. N;  
13.60 M E OF CB;  
11.80 M E OF POW.P.

NON COORDINATE REVISIONS

1970-10-19 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

1996-03-13 2001-08-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 28

VERT

99-08-16

0.026 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+00 28