

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 22.86342 dms  
Longitude 114 05 49.76062 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 56549  
Tablet Markings D77  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1090.279 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-03-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5652231.469 m  
Easting -6818.493 m  
Convergence -0 04 31.84 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
93989 D75	217.080	1 106/3	0.999732	72 04 35.10	4.4	0.00
49403 D79	281.340	1 75/2	0.999732	188 39 53.69	4.2	0.00
178384 652-4.281	321.765	1 75/2	0.999733	37 00 02.28	4.2	0.00
81836 D73	424.586	1 59/2	0.999732	52 02 42.21	3.0	0.00
261727 D83	501.290	1 52/2	0.999732	194 41 37.32	3.3	0.01
210716 D85	546.956	1 49/2	0.999731	216 18 22.33	3.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-12-09

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.3 s 2 s  
Geoid\_Ellip Separation -16.08 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-12-09

Originating Project 72111 72111  
Published 70-06-24 70-06-24

ON S/S OF ASPHALT PATH JUST SW OF E. FOLLENBEE CENTRE AT 5139-14 ST. SW.;  
0.20 M. S OF EDGE ON S/S OF ASPHALT PATH; 138.0 M. SW OF N-S STEEL FENCE  
ON W/S OF SCHOOL; 15.2 M. SW OF 3RD POWER POLE W OF SCHOOL.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98014  
Published 99-08-16  
Revising Project  
Published

NON COORDINATE REVISIONS

1973-02-06 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

1992-03-19 1992-12-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 79

01-02-07 -0.007 m ELEVATION REVISED AND REINTEGRATED  
99-08-16 0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 79