

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 33.98348 dms  
Longitude 114 06 39.15219 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 51037  
Tablet Markings 646-4.273  
Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1101.108 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5647014.588 m  
Easting -7789.214 m  
Convergence -0 05 10.02 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
26450 646-4.275	165.613	1 91/2	0.999733	114 39 32.33	7.4	0.00
227090 646-4.281	173.379	1 87/2	0.999729	161 08 13.55	7.0	0.00
123513 646-4.283	174.531	1 69/2	0.999732	224 12 27.82	4.9	0.00
198762 646-4.276	207.750	1 67/2	0.999729	132 33 18.24	5.8	0.00
248757 646-4.284	218.233	1 69/2	0.999731	289 43 09.71	5.8	0.00
61218 646-4.280	219.638	1 59/2	0.999730	185 57 56.02	4.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-17

Meridian Defl,XI(+N) 3.8 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -15.96 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-17

Originating Project 77030 77030  
Published 78-01-17 78-01-17

ON NE CORNER OF BROOKPARK BLVD. AND BROOKMERE RD.S.W.; 0.20 M. N OF  
B.O.W. ON N/S OF BROOKMERE RD.; 0.23 M. E OF E/S OF BROOKPARK BLVD.;  
8.0 M. W OF F.H.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98015  
Published 99-10-21  
Revising Project  
Published

NON COORDINATE REVISIONS

1978-01-31 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

1990-06-26 1991-10-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 273

01-02-07 -0.005 m ELEVATION REVISED AND REINTEGRATED  
99-10-21 0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-04.273 56464 4 273