

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 52.02183 dms  
Longitude 114 01 04.53652 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 65052

Tablet Markings 649+0.177

Date Printed 2025-08-03  
Last Updated 2017-03-21

Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1044.842 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-11-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5651274.148 m  
Easting -1258.355 m  
Convergence -0 00 50.15 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
141432 649-0.174	104.545	1 201/3	0.999744	206 59 23.68	16.6	0.00
135616 649+0.172	195.105	1 92/2	0.999738	264 45 42.18	5.2	0.00
89060 649+0.109	327.553	1 61/2	0.999741	66 19 41.21	4.9	0.00
293290 649-0.110	347.679	1 55/2	0.999739	41 25 10.88	4.6	0.00
224741 649-0.169	401.211	1 52/2	0.999740	174 42 41.54	4.4	0.00
156521 649-0.142	432.703	1 49/2	0.999741	157 43 40.57	4.0	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-01

Meridian Defl,XI(+N) 3.1 s 2 s  
Prime Vert Defl,ETA(+E) 4.9 s 2 s  
Geoid\_Ellip Separation -16.22 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-01

Originating Project 76024 76024  
Published 83-07-08 83-07-08

ON NW CORNER OF 17A ST. AND 62 AVE. S.E.; 0.20 M. N.W. OF B.O.R.C. ON  
CURVE; 1.5 M. N OF B.O.R.C. PROD. E ; 6.0 M. W OF B.O.C. PROD. S ;  
4.2 M. N.E. OF CENTRE CB.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project 83026  
Published 84-02-17  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-08-24 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
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

1990-11-07 1991-10-01  
1988-03-01 1988-07-22

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 0 177

VERT

99-08-16 0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 0 177