

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 54.96349 dms
Longitude 114 04 10.35277 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

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

ASCM 33688

Tablet Markings 649-4.188

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1059.461 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5649513.243 m
Easting -4883.124 m
Convergence -0 03 14.51 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
75721 649-4.214	153.025	1 65/2	0.999738	144 04 22.38	4.1	0.00
153122 649-4.257	262.472	1 38/2	0.999740	176 26 44.19	3.2	0.00
134700 649-4.187	307.402	1 36/2	0.999734	25 32 19.35	2.6	0.00
126474 649-4.196	327.166	1 40/2	0.999735	36 29 55.83	3.2	0.00
237982 649-4.194	335.657	1 48/2	0.999733	76 02 05.49	3.8	0.00
232157 649-4.191	374.877	1 35/2	0.999736	131 59 45.14	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-11-28

Meridian Defl, XI(+N) 3.4 s 2 s
Prime Vert Defl, ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 72114 72114
Published 83-03-03 83-03-03

LOCATED IN THE SIDEWALK ON E/SIDE OF FLINT RD AT LANE BEHIND FIELDING RD; 0.3 M
E OF E/FOC ON CURVE; 2.1 M E OF E/FOC PROD N; 0.4 M S OF S P/L OF LANE PROD W.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NOTE: ELEVATION AMENDED IN AUGUST 1981.
RE-LEVELLED IN JUNE 1981, SEE PF72114; W 25.

NON COORDINATE REVISIONS

1972-11-28 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1995-02-06 INSTALLATION DATE CHANGED
FROM 72-03

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

2006-10-16 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 188

99-08-16

0.133 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.188 56494 4 188