

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 01.84107 dms
Longitude 114 03 38.34648 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 22376

Tablet Markings 649-4.205

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

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1067.149 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5649725.203 m
Easting -4258.668 m
Convergence -0 02 49.65 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
272807 649-4.204	109.424	1 100/2	0.999728	6 26 52.61	5.7	0.00
163568 649-4.206	181.504	1 61/2	0.999735	252 30 20.11	4.8	0.00
76513 649-4.203	213.367	1 66/2	0.999733	17 59 40.31	4.1	0.00
237982 649-4.194	326.338	1 43/2	0.999737	246 19 50.05	3.7	0.00
190553 649-4.193	352.850	1 43/2	0.999735	219 48 30.39	3.7	0.00
186452 649-4.202	376.467	1 43/2	0.999734	24 59 34.30	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-07-05

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1992-07-22

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

ON SW COR OF 78 AVE AT FAIRMOUNT DR SE; 3.0M S OF B.O.W. S/S PROD E; 0.30M W
OF B.O.W.; 5.7M E OF WOODEN POW P.

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

NON COORDINATE REVISIONS

1972-11-28 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND
"MAPSHEET NO" CHANGED
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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1995-02-01 1995-07-05
1992-05-26 1992-07-22
1990-10-01 1991-09-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 205

99-08-16

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.205 56494 4 205