

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 06.18535 dms
Longitude 114 05 27.34099 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 66530
Tablet Markings 649-4.120
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1075.253 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5649861.622 m
Easting -6384.350 m
Convergence -0 04 14.34 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
121434 649-4.119	197.800	1 51/2	0.999737	174 17 20.41	4.2	0.00
249037 649-4.122	213.868	1 51/2	0.999734	330 16 34.05	4.3	0.00
202523 649-4.123	252.425	1 51/2	0.999734	346 43 25.47	4.1	0.00
129577 649-4.124	306.430	1 39/2	0.999737	84 45 50.34	3.1	0.00
98491 649-4.129	320.456	1 41/2	0.999734	33 46 10.13	3.1	0.00
219006 649-4.116	333.204	1 33/2	0.999735	235 12 23.62	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-15

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-15

Originating Project 72117 72117
Published 72-07-11 72-07-11

ON SW CORNER OF CHURCHILL DR. & CRAIG RD. SW; 2.45 M. NW OF B.O.W.
PROD. NORTH; 0.6 M. SOUTH OF B.O.W. PROD. EAST; 0.3 M. SOUTH OF
B.O.W. ON CURVE; 2.4 M. SE OF C.B.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-07-11 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

1990-09-25 1991-10-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 120

01-02-07

0.018 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.120 56494 4 120