

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 09.62827 dms
Longitude 113 59 33.30501 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 51136

Tablet Markings 655+4.168

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

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1066.027 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 24-11-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5655525.963 m
Easting 520.080 m
Convergence 0 00 20.76 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
169003 G43	213.206	1	75/2	0.999736	264 27 30.80	4.6	0.00
16865 655+4.265	225.907	1	62/2	0.999738	8 48 55.88	4.2	0.00
250712 655+4.172	236.844	1	46/2	0.999736	124 41 59.85	3.8	0.00
241497 G44	276.261	1	43/2	0.999734	214 07 32.25	3.5	0.00
2634 655+04.169	317.381	1	35/2	0.999736	45 15 53.81	2.8	0.00
39255 652+4.31	412.828	1	31/2	0.999735	153 20 59.84	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2025-03-03

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 73120 73120
Published 83-03-08 83-03-08

LOCATED AT SW CORNER OF 19 AVE AND 28 ST SE; 0.25 M S OF S/BOW; 8.3 M W OF W/BOW
PROD W; 2.8 M W OF POWER POLE.

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

NON COORDINATE REVISIONS

1974-03-01 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	2024-11-21	2025-03-03
MARKER REPORTED IN GOOD CONDITION	2006-10-24	2007-06-25
MARKER REPORTED IN GOOD CONDITION	1989-04-17	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 168

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+04.168 56553 4 168