

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 03.01243 dms
Longitude 113 58 53.99134 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2023-03-30

ASCM 38257
Tablet Markings 655+4.272
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1078.084 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition SEE BELOW 22-11-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657175.638 m
Easting 1285.591 m
Convergence 0 00 51.34 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
118950 655+4.290	162.888	1 98/2	0.999736	102 54 48.02	7.7	0.00
287383 655+4.289	207.593	1 87/2	0.999731	83 12 24.23	6.8	0.00
280792 655+4.271	233.146	1 34/1	0.999733	245 57 19.88	3.0	0.00
175596 655+4.274	289.370	1 31/1	0.999735	175 37 25.32	2.6	0.00
102541 655+4.278	322.141	1 31/1	0.999736	271 26 05.87	2.7	0.00
57315 655+4.310	420.511	1 48/2	0.999733	73 33 18.93	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1988-06-08

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.36 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-06-08

Originating Project 78040 78040
Published 83-08-18 83-08-18

LOCATED IN THE MIDDLE OF THE MEDIAN OF 36 STREET AND SOUTH OF MEMORIAL
DRIVE; 6.3 M WEST OF BACK OF CURB ON THE EAST SIDE OF MEDIAN; 118.6 M SOUTH
OF THE NORTH END OF MEDIAN AT MEMORIAL DRIVE; ON FRONT OF WALK OF SMALLISH
SIDEWALK IN TOWNHOUSE COMPLEX PRODUCED EAST.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1980-06-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS PIPE BENT
MARKER REPORTED IN GOOD CONDITION

2022-11-24 2023-03-30
1988-01-21 1988-05-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 272

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.272 56553 4 272