

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 08.50592 dms
Longitude 114 01 11.42719 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 60194

Tablet Markings 655+00.266

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1055.143 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 03-10-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5657345.411 m
Easting -1391.077 m
Convergence -0 00 55.55 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
304162 655-0.296	295.356	1	34/2	0.999736	82 40 48.47	2.6	0.00
211664 2321.22	390.796	1	28/1	0.999736	43 36 47.92	2.3	0.00
311266 655-0.295	476.848	1	21/1	0.999737	354 48 36.31	1.8	0.00
232421 655-0.267	552.532	1	18/1	0.999738	188 01 45.79	1.5	0.00
162230 F5	572.978	1	19/1	0.999736	240 06 31.05	1.6	0.00
61192 F7	580.609	1	17/1	0.999736	270 59 02.66	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-02-02

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.30 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 2.0 CM ABOVE GROUND LEVEL.
10 CM BGL, 43 CM E OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2005-08-02

Originating Project 76046 76046
Published 83-06-24 83-06-24

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

ON WEST SIDE OF DEERFOOT NORTH OF MEMORIAL DRIVE; APPROX. 91.0' WEST
OF BACK OF CURB WEST SIDE OF DEERFOOT (APPROX. 96.0' SLOPE DIST.);
66.45 M NORTH OF BULLNOSE FOR WEST BOUND; APPROACH LANE TO MEMORIAL
DRIVE; 5.85 M SOUTH EAST OF POWER POLE (EAST - WEST POLE LINE).

NON COORDINATE REVISIONS

1978-02-02 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

2003-10-14 2005-08-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 266

99-10-21

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 0 266