

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 10.32209 dms
Longitude 113 57 52.18570 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 52159

Tablet Markings 655+4.181

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1058.520 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-11-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5655547.976 m
Easting 2490.107 m
Convergence 0 01 39.38 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
315994 655+4.334	221.590	1	45/2	0.999740	107 06 04.35	3.7	0.00
224832 652+4.129	340.631	1	29/1	0.999736	196 30 29.10	2.5	0.00
26344 655+4.178	496.595	1	22/1	0.999736	269 57 57.02	1.8	0.00
200337	521.001	1	29/2	0.999734	321 20 08.92	2.0	0.00
177253 2520.11	525.708	1	19/1	0.999735	351 33 47.35	1.6	0.00
51722 652+4.57	526.070	1	21/1	0.999737	228 59 45.69	1.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.36 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

LOCATED ON THE SOUTH WEST CORNER OF 48 STREET AND 19 AVENUE SOUTH EAST; 2.50 M S OF S/CURB OF 19 AVE PROD E; 3.5 M W OF W/CURB OF 48 ST PROD N; 0.9 M SW OF CURB ON CURVE.

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
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2006-11-09	2007-06-22
POSSIBLE VERTICAL MOVEMENT INDICATED BY PROJECT: 87080	1989-11-10	1989-11-22
MARKER REPORTED IN GOOD CONDITION	1989-04-18	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 181

99-08-16

0.039 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+04.181 56553 4 181