

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 10.31951 dms
Longitude 113 58 17.66865 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 26344

Tablet Markings 655+4.178

Date Printed 2025-08-03
Last Updated 2016-04-08

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1060.532 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: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5655547.680 m
Easting 1993.643 m
Convergence 0 01 19.57 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
46904 655+4.177	102.309	1	59/1 0.999741	281 33 20.08	4.1	0.00
35535 652+4.130	337.163	1	30/1 0.999736	193 56 33.43	2.4	0.00
51722 652+4.57	358.957	1	28/1 0.999735	163 53 33.44	2.2	0.00
160655 655+4.180	419.350	1	21/1 0.999736	87 18 24.56	1.9	0.00
200337	441.598	1	34/2 0.999734	22 47 46.06	2.8	0.00
27359 652+4.58	458.137	1	22/1 0.999735	221 06 27.99	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-22

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.35 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

SW CORNER OF 43 STREET AND 19 AVENUE S.E.; 2.0 M S OF S/CURB OF 19 AVE PROD E; 3
.5 M W OF W/CURB OF 43 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 REPORTED IN GOOD CONDITION	2006-11-09	2007-06-22
MARKER REPORTED IN GOOD CONDITION	1991-06-26	1991-12-24
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 4 178

99-08-16

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+04.178 56553 4 178