

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 10.98380 dms
Longitude 113 58 22.81185 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 46904
Tablet Markings 655+4.177
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1060.173 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 96-08-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5655568.169 m
Easting 1893.434 m
Convergence 0 01 15.57 dms
Station Ellipsoid Factor 0.999836
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)
26344 655+4.178	102.309	1	59/1	0.999741	101 33 20.08	4.1	0.00
35535 652+4.130	348.242	1	26/1	0.999737	176 52 23.02	2.2	0.00
295345 655+4.175	389.226	1	26/1	0.999735	269 55 00.51	1.9	0.00
51722 652+4.57	416.433	1	24/1	0.999737	151 19 28.94	1.9	0.00
27359 652+4.58	417.278	1	24/1	0.999735	208 47 34.05	2.0	0.00
200337	472.323	1	34/2	0.999734	35 03 44.31	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-02

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
4 CM. BELOW GRL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-28

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

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 98014
Published 99-08-16
Revising Project
Published

N.W. CORNER OF 42 AVE AND 19 STREET S.E.;
4.2 M N OF F.O.R.W. PROD. E;
0.40 M W OF B.O.W. PROD. S;
2.0 M S OF FH;
5.40 M NE OF CB;
0.10 M NW OF B.O.W. ON CURVE.

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
MARKER REPORTED IN GOOD CONDITION

1996-08-20 2001-08-28
1989-04-18 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 177

VERT

99-10-21 -0.005 m REVISED ELEVATION-BETTER INTEGRATION
99-08-16 0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+04.177 56553 4 177