

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 47.96965 dms
Longitude 114 09 09.05124 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 28555

Tablet Markings 655-8.204

Date Printed 2025-08-03
Last Updated 2019-01-31

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1136.924 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-10-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5656721.733 m
Easting -10694.331 m
Convergence -0 07 06.97 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
38331 655-8.205	166.272	1	72/2	0.999724	94 52 24.71	5.0	0.00
183285 655-8.191	190.496	1	94/2	0.999725	278 10 53.55	8.1	0.00
248617 655-8.190	241.418	1	79/2	0.999726	299 30 04.29	6.3	0.00
227140 655-8.202	281.387	1	50/2	0.999726	338 42 40.29	4.3	-0.01
274811 655-8.222	349.964	1	46/2	0.999724	355 54 44.09	2.9	-0.01
210781	356.960	1	73/2	0.999723	339 40 56.44	5.1	-0.01

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

MARKER TYPE

Updated: 2007-11-28

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY

HORZ

VERT

Originating Project 72107 72107
Published 83-03-03 83-03-03

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1993-01-26

IN PARK ON THE NE COR OF 45 ST AT ROSSMERE RD SW; 2.9 M E OF B.O.W. PROD S;
0.70 M N OF B.O.W. N/S PROD W; 0.30 M NE OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1972-05-10 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

2007-10-15 2007-11-28
1992-10-22 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 204

VERT

00-06-15

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.204 56554 8 204