

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 40.86746 dms
Longitude 114 10 06.30519 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11

ASCM 50419

Tablet Markings 655-8.271

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1174.939 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5656504.708 m
Easting -11810.016 m
Convergence -0 07 51.49 dms
Station Ellipsoid Factor 0.999818
Station Combined Factor 0.999720

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)
68783 655-8.270	164.159	1	67/2 0.999716	353 07 31.01	3.8	0.00
639021 639021	218.960	1	46/2 0.999721	187 03 12.70	3.2	0.01
87049 655-8.154	293.309	1	51/2 0.999723	80 04 55.22	4.0	0.00
229062 655-12.97	318.775	1	91/3 0.999717	261 44 58.68	7.3	0.00
81208 655-12.96	370.115	1	70/2 0.999718	285 34 43.53	5.9	0.00
59584 655-12.98	408.075	1	59/2 0.999717	251 16 27.25	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-06-28

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1983-06-28

Originating Project 82045 82045
Published 83-07-18 83-07-18

SE COR OF INT STRATHCONA DR AND N LEG OF STRATHEARN CRES SW; AT INT
OF B.O.W. AND B.O. SEP W; 10CM E OF B.O. SEP. W; 5CM SE OF B.O.W. ON
CURVE; 2.35M S OF B.O.W. PROD. W.

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

NON COORDINATE REVISIONS

1983-06-28 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

1992-10-20 1993-01-22
1992-02-06 1992-04-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 271

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 8 271