

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 36.59981 dms
Longitude 114 10 26.12454 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11

ASCM 59584

Tablet Markings 655-12.98

Date Printed 2025-08-03
Last Updated 2022-03-03

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 1983-07-18
Elevation 1205.955 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5656373.737 m
Easting -12196.381 m
Convergence -0 08 06.89 dms
Station Ellipsoid Factor 0.999814
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229062 655-12.97	110.954	1 207/3	0.999711	39 47 01.01	7.8	0.00
155036 655-12.88	170.904	1 123/3	0.999717	228 51 32.62	5.6	0.00
28068 655-12.87	186.439	1 117/3	0.999719	153 03 26.78	9.7	0.01
81208 655-12.96	232.347	1 95/3	0.999715	7 24 28.00	7.1	-0.01
207233 655-12.30	355.223	1 59/2	0.999713	301 04 48.79	5.1	-0.01
639021 639021	369.797	1 62/2	0.999717	103 29 41.71	4.8	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 -15.97 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1995-07-05

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

ON EAST SIDE OF ROAD IN FRONT OF HOUSE NO.148 STRATHCONA ROAD SOUTHWEST; IN
BOULEVARD; 0.15 M EAST OF BACK OF ROLLED CURVE; 1.0 M SOUTH OF THE MAIN SOUTH
WALL OF HOUSE PRODUCED WEST; 0.15 M SOUTH OF THE SOUTH EDGE OF SEPARATE WALK;
2.8 M WEST OF THE FACE OF SEPARATE WALK.

Revising Project NAD83
Published 94-05-24
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

1995-02-10 1995-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 98

HISTORY 56554 12 98