

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 08.98095 dms  
Longitude 114 03 40.96293 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 30445

Tablet Markings 2119.10

Date Printed 2025-08-03  
Last Updated 2017-03-21

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1047.158 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-02-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655507.728 m  
Easting -4304.885 m  
Convergence -0 02 51.81 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
320499 0320499	213.436	1 52/2	0.999739	7 09 04.06	4.2	0.00
140996 D25	451.829	1 62/2	0.999738	254 00 38.14	4.4	0.00
122077 D27	488.346	1 59/2	0.999738	235 55 45.02	4.8	0.00
159202 D23	535.298	1 43/2	0.999739	252 23 44.08	3.7	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev  
Meridian Defl, XI(+N) 2.8 s 2 s  
Prime Vert Defl, ETA(+E) 5.7 s 2 s  
Geoid\_Ellip Separation -16.20 m 1 m

MARKER TYPE

Updated: 1970-06-24

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

	HORZ	VERT
Originating Project	69110	69110
Published	70-06-24	70-06-24
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		90030
Published		91-04-02
Revising Project		
Published		

MARKER LOCATION

Updated: 1970-06-24

LOCATED ON WEST OF PATTISON BRIDGE AND MACLEOD TRAIL SOUTH EAST;  
90.0 CM WEST OF WEST FACE OF CURB PRODUCED SOUTH; 19.0 M NORTH OF  
SOUTH END OF BRIDGE.

NON COORDINATE REVISIONS

Date	Description
1970-06-24	FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-02-12 1990-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 4 109

VERT

99-08-16	0.035 m	ELEVATION REVISED AND REINTEGRATED
91-04-02	-0.013 m	REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 4 109