

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

Horiz Datum NAD83 Updated: 1994-05-24 Latitude 51 00 31.97439 dms Longitude 114 04 34.71188 dms Horiz Class INTEGRATED , ORDER 3	Marker Installed 69-03 Date Printed 2025-08-03 Last Updated 2017-03-20	ASCM 49676 Tablet Markings 2017.3 Mapsheet Name CALGARY G Mapsheet Number 5652 - 004 Marker Condition GOOD 16-03-21
Vert Datum CVD28 Updated: 2001-02-07 Elevation 1074.230 m Vert Class INTEGRATED , SPIRIT LEVELS	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd	Grid Std T-t
	To Markings Distance Dev Order Factor Bearing	Dev Corr
		(dms) (s) (s)
Northing 5652511.269 m	206037 2017.2 223.561 1 54/2 0.999735 185 51 08.98	3.7 0.00
Easting -5355.146 m	266247 2018.3 269.378 1 71/2 0.999736 356 27 47.09	3.9 0.00
Convergence -0 03 33.52 dms	156406 2018.4 320.860 1 84/3 0.999736 328 08 09.30	6.9 0.00
Station Ellipsoid Factor 0.999834	75135 2018.2 323.230 1 80/2 0.999737 32 26 50.96	6.3 0.00
Station Combined Factor 0.999735	153684 D68A 348.626 1 40/2 0.999736 86 42 38.55	2.3 0.00
	22863 2017.4 371.492 1 43/2 0.999735 270 07 47.08	2.2 0.00

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

Component Magnitude Std Dev Meridian Defl,XI(+N) 3.1 s 2 s Prime Vert Defl,ETA(+E) 6.0 s 2 s Geoid_Ellip Separation -16.13 m 1 m	MARKER TYPE ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG FLUSH W/GRD	Updated: 1970-06-24
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COORDINATE HISTORY HORZ VERT Originating Project 69104 69104 Published 70-06-24 70-06-24 Revising Project NAD83 98017 Published 94-05-24 01-02-07 Revising Project 98014 Published 99-08-16 Revising Project Published	MARKER LOCATION LOCATED AT 50 AVENUE AND 5TH STREET SOUTH WEST, NORTH EAST CORNER; 10.7 M NORTH OF NORTH FACE OF CURB; 3.52 M EAST OF EAST FACE OF CURB; 4.75 M NORTH EAST OF LIGHT STANDARD.	Updated: 1988-07-21
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NON COORDINATE REVISIONS

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 MARKER REPORTED IN GOOD CONDITION, CAP EFFACED MARKER REPORTED IN GOOD CONDITION, CAP EFFACED MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION	Inspected Updated 2016-03-21 2017-03-16 2015-10-23 2015-12-01 1992-02-11 1992-11-24 1988-01-08 1988-07-21
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COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 152 HISTORY 56524 4 152	VERT 01-02-07 -0.007 m ELEVATION REVISED AND REINTEGRATED 99-08-16 0.025 m ELEVATION REVISED AND REINTEGRATED	
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