

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 21.26396 dms
Longitude 114 01 46.02143 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 3426
Tablet Markings 2221.2
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1070.556 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 86-11-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5657739.854 m
Easting -2064.658 m
Convergence -0 01 22.46 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
205294 2221.4	190.679	1 131/3	0.999737	239 00 59.40	5.1	0.00
52738 F9	198.978	1 40/2	0.999738	161 19 10.18	2.3	0.00
140160 2221.17	225.847	1 97/3	0.999732	306 28 14.26	7.7	0.00
170068 2221.8	382.154	1 63/2	0.999736	270 27 33.15	4.0	0.00
61192 F7	395.716	1 25/1	0.999736	166 22 20.19	1.9	0.00
22038 2221.16	402.253	1 70/2	0.999734	288 48 35.79	5.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-19

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-10-19

	HORZ	VERT
Originating Project	69111	69111
Published	70-10-19	70-10-19
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

ON TOP OF HILL EAST OF HILL ROAD AND EAST END OF CARDELL STREET NORTH EAST; 41.8 M NORTH EAST OF NORTH EAST PROPERTY LINE (BROWN FENCE) OF HOUSE #1338 PRODUCED SOUTH; 12.5 M SOUTH EAST OF SOUTH EAST PROPERTY LINE OF HOUSE #1402, LOT 1 PRODUCED NORTH EAST; 24.5 M EAST OF INTERSECTION OF STEEL BARRICADE AND CABLE FENCE; ONE GUARD POST IN AREA.

NON COORDINATE REVISIONS

1970-10-19 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 207

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

655+00 207