

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 05.46580 dms
Longitude 114 03 25.84126 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03

ASCM 22905

Tablet Markings 2117.24

Date Printed 2025-08-03

Last Updated 2017-03-21

Mapsheet Name CALGARY G

Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1063.006 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-11-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5651690.959 m
Easting -4013.239 m
Convergence -0 02 39.97 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
96511 2117.22	336.807	1	42/2	0.999735	89 56 14.57	2.5	0.00
195834 2117.28	398.684	1	43/2	0.999738	300 04 00.30	3.6	0.00
94581 2117.15	577.607	1	23/1	0.999736	198 42 39.83	1.9	0.01
235101 649-0.147	650.875	1	23/1	0.999736	76 55 26.48	1.7	0.00
196204 649-0.155	664.396	1	21/1	0.999737	104 35 06.20	1.7	0.00
69393	669.044	1	28/2	0.999734	81 58 02.01	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) 5.7 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

MARKER TYPE

Updated: 1991-09-30

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	69102 70-06-09	69102 70-06-09
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1991-09-30

ON N.W. CORNER OF 3RD STREET & 58 AVENUE S.E.;
3.25M WEST OF B.O.W. WEST SIDE 3RD ST., PROD. SOUTH;
5.90M NORTH OF B.O.W. N/S 58 AVE., PROD. EAST;
1.40M N.W. POWER POLE;
3.50M N.E. OF LIGHTS.

NOTE: MONUMENT IS SURROUNDED BY PLASTIC TUBE.

NON COORDINATE REVISIONS

Date	Description
1970-06-09	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

Inspected	Updated
1990-11-15	1991-09-30
1989-06-28	1989-08-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 0 39

VERT

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 0 39