

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 35.17162 dms
Longitude 114 04 59.59999 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 63511
Tablet Markings 2019.24
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1054.185 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 04-04-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654464.544 m
Easting -5838.102 m
Convergence -0 03 52.92 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

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)
182790 2019.62	241.102	1	124/3	0.999738	294 22 24.13	5.0	0.00
133694 D41	289.275	1	59/2	0.999740	92 04 00.55	3.4	0.00
114660 2019.57	336.743	1	92/3	0.999736	250 54 43.56	7.7	0.00
201541 2019.56	339.998	1	94/3	0.999737	275 20 14.95	7.7	0.00
25460 2019.25	343.920	1	49/2	0.999735	176 16 10.65	3.7	0.01
298984 2019.55	370.230	1	67/2	0.999736	299 09 44.88	4.3	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.0 s	2 s
Prime Vert Defl,ETA(+E)	6.1 s	2 s
Geoid_Ellip Separation	-16.15 m	1 m

MARKER TYPE Updated: 2001-08-30
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
15 CM BGL, IN MANHOLE + COVER.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	68102 70-06-24	68102 70-06-24
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION Updated: 2001-08-30
IN SURVEY TYPE MANHOLE IN GRASSY AREA ON S/S OF 30 AVE AT 8 ST SW;
10.60 M N OF F.OF.SEP.W. PROD. W;
3.20 M W OF F.O.C. W/S PROD. S;
6.0 M NW OF F.O.C. ON CURVE;
5.80 M S/SE OF POW.P.

NON COORDINATE REVISIONS

1970-06-24 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, CAP EFFACED.	2004-04-27	2004-05-28
MARKER REPORTED IN GOOD CONDITION	2001-03-07	2001-08-15
MARKER REPORTED IN GOOD CONDITION	1991-11-22	1993-01-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 96

VERT 01-02-07 0.031 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 96