

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 17.35571 dms
Longitude 114 00 17.79912 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 67769
Tablet Markings 661-0.167
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1088.381 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 01-03-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661326.640 m
Easting -346.379 m
Convergence -0 00 13.85 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
295717 661-0.163	513.768	1	27/1	0.999731	293 03	56.87	2.3	0.00
297267 658-0.165	530.502	1	25/1	0.999731	206 02	07.04	2.0	0.00
171009 658+4.344	545.894	1	29/2	0.999734	108 38	33.64	2.4	0.00
180075 658-0.161	659.935	1	21/1	0.999732	223 11	39.98	1.7	0.00
44743 661-0.164	671.755	1	19/1	0.999732	318 20	04.99	1.6	0.00
121665 240239	698.961	1	17/1	0.999733	16 44	37.11	1.5	0.00

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.5 s 2 s
Prime Vert Defl, ETA(+E) 4.8 s 2 s
Geoid_Ellip Separation -16.38 m 1 m

MARKER TYPE

Updated: 2001-08-15

ASC CAP SET IN CONCRETE CURB

FLUSH W/GRND, LANDSCAPED.

COORDINATE HISTORY

HORZ VERT

Originating Project 80039 80039
Published 81-11-18 81-11-18

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2001-08-15

LOCATED ON THE SOUTH EAST CORNER OF 23 STREET AND 39 AVENUE NORTH EAST; 5.10 M.
E OF F.O.C. PROD. N.; 6.7 M. S OF F.O.C. PROD. W.; 3.2 M. S OF E-W CABLE
FENCELINE PROD. W.

NON COORDINATE REVISIONS

1981-12-30 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	2001-03-06	2001-08-15
MARKER REPORTED IN GOOD CONDITION	1993-11-16	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1992-02-04	1992-05-05
MARKER REPORTED IN GOOD CONDITION.	1988-10-25	1988-12-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 0 167

99-10-21

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 0 167