

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 31.84286 dms
Longitude 113 56 49.95351 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-11

ASCM 7658

Tablet Markings 661+4.148

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1102.145 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 96-11-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663629.587 m
Easting 3696.737 m
Convergence 0 02 27.92 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

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)
217000 661+4.112	180.418	1	28/1	0.999731	346 31 09.85	2.4	0.00
248260 661+4.150	357.994	1	28/1	0.999732	258 33 03.08	2.4	0.00
132324 661+8.51	391.952	1	31/2	0.999731	109 50 25.37	2.6	0.00
17194 661+4.101	401.826	1	27/1	0.999729	179 01 25.73	2.2	0.00
97758 661+4.164	413.243	1	19/1	0.999729	1 32 42.56	1.6	0.00
155325 661+8.49	506.014	1	18/1	0.999731	68 59 57.10	1.4	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.49 m 1 m

MARKER TYPE

Updated: 1991-11-12

ASC BRASS TABLET ON 7 X 152CM HEAVY WALL DRIVEN PIPE.
FLUSH W/GRND, LANDSCAPED

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	82047 85-01-23	82047 85-01-23
Revising Project Published	NAD83 94-05-24	98015 99-10-21
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1995-02-03

LOCATED ON THE EAST SIDE OF FALCONRIDGE BOULEVARD NORTH EAST AND OPPOSITE NORTH LEG OF CASTLERIDGE WAY NORTH EAST; 35.0 CM EAST OF FACE OF CURB; 40.0 CM SOUTH OF BACK OF WALK (BACK OF WALK ON THE SOUTH SIDE OF CASTLERIDGE WAY NORTH EAST) PRODUCED EAST; 10.0 M WEST OF NORTH-SOUTH POWER LINE.

NON COORDINATE REVISIONS

1985-01-23 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	1996-11-11	1996-12-16
MARKER REPORTED IN GOOD CONDITION	1994-02-08	1995-02-03
MARKER REPORTED IN GOOD CONDITION	1991-06-14	1991-11-12
MARKER REPORTED IN GOOD CONDITION	1991-02-06	1991-04-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 4 148

VERT

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 4 148