

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 35.07849 dms
Longitude 114 02 54.10198 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 33555
Tablet Markings 661+00.89
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1047.112 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-01-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661875.370 m
Easting -3387.741 m
Convergence -0 02 15.48 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

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)
258301 661-0.149	169.624	1	59/2	0.999736	5 22 18.87	3.8	0.00
291716 F41	291.905	1	86/3	0.999741	103 09 07.69	6.8	0.00
248831 220240.2	318.648	1	35/2	0.999738	1 23 16.46	2.4	0.00
178442 661+00.92	410.702	1	41/2	0.999738	287 48 47.61	3.5	0.00
154658 F81	435.648	1	55/2	0.999738	23 05 37.77	4.5	0.00
214155 661-0.97	451.550	1	31/2	0.999737	48 19 43.23	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-07

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
20 CM BGL., 1 GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-07

Originating Project 71102 71102
Published 84-01-07 84-01-07

ON W/S OF 6 ST. AT 45 AVE. NE; 3.25 M W OF F.O.C.; 8.35 M N OF F.O.C.
N/S PROD.W; 5.6 M N OF E-W POW. L. PROD W; 0.20 M E OF GP. .

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

NON COORDINATE REVISIONS

1972-06-25 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Comments	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION, PARTIALLY EFFACED.	1998-01-19	1998-05-15
MARKER REPORTED IN GOOD CONDITION	1993-11-08	1994-02-07
MARKER REPORTED IN GOOD CONDITION.	1988-10-28	1988-12-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 0 89

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+00 89