

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 32.76497 dms
Longitude 114 04 31.45226 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 44081
Tablet Markings 661-4.91
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1093.211 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661805.474 m
Easting -5282.091 m
Convergence -0 03 31.23 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
25601 661-4.94	138.602	1	123/3	0.999727	141 03 19.69	9.8	0.00
98954 661-4.89	139.548	1	86/2	0.999734	312 12 57.52	7.4	0.00
113431 661-4.92	180.279	1	78/2	0.999736	275 44 33.49	5.0	0.00
251694 661-04.102	333.338	1	45/2	0.999732	129 46 20.55	3.7	0.00
223974 661-4.87	338.359	1	41/2	0.999732	283 31 54.66	3.5	0.00
271023 661-4.97	345.374	1	49/2	0.999732	231 00 38.90	4.1	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

MARKER TYPE

Updated: 1972-01-25

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1994-01-21

ON E/S OF RD. IN FRONT OF HOUSE #92 HUDSON RD.NW; 0.60 M W OF B.O.W.;
IN LINE WITH N WALL OF HOUSE PROD. W; 1.9 M SW OF LT.S.;
7.0 M SE OF CB. .

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71101	71101
Published	71-03-01	71-03-01
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

NON COORDINATE REVISIONS

1972-01-25 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
MARKER REPORTED IN GOOD CONDITION

1993-07-16 1994-01-21
1988-11-01 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 91

VERT

99-10-21

0.037 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.91 56614 4 91