

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 26.45271 dms
Longitude 114 08 49.59386 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 68015

Tablet Markings 1723.25

Date Printed 2025-08-03
Last Updated 2015-10-30

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1106.470 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-09-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5661618.018 m
Easting -10305.563 m
Convergence -0 06 52.10 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor
68767 1723.28	154.523	1	45/1	0.999728
196519 1723.34	201.413	1	55/2	0.999733
272393 1723.37	294.859	1	34/2	0.999730
95299 1723.36	341.421	1	32/2	0.999730
13326 1723.38	382.049	1	29/1	0.999731
45963 1723.32	405.972	1	32/2	0.999730

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
359 38 39.52	3.0	0.00
101 32 49.76	4.8	0.00
162 04 37.86	2.9	0.01
139 20 07.63	2.8	0.01
166 51 11.15	2.4	0.01
92 35 09.57	2.6	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)	6.6 s	2 s
Geoid_Ellip Separation	-16.10 m	1 m

MARKER TYPE

Updated: 1993-11-26

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-12-23

	HORZ	VERT
Originating Project	70107	70107
Published	70-12-23	70-12-23
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

ON E/S OF RD IN FRONT OF HOUSE NO.4244 - 40 ST NW; 0.3 M W OF B.O.W. ON CURVE;
7.65 M N OF THE N WALL OF HOUSE PRODUCED W; 20.2 M SW OF LTS.

NOTE: STATION REVISED VERTICALLY 86/06/05 IN PROJECT 85041

NON COORDINATE REVISIONS

1970-12-23	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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2015-09-10	2015-10-30
2010-02-22	2010-04-06
1993-05-25	1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 53

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 8 53