

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 31.45199 dms
Longitude 114 08 49.65898 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 68767

Tablet Markings 1723.28

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 1106.523 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: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5661772.496 m
Easting -10306.522 m
Convergence -0 06 52.16 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
68015 1723.25	154.523	1	45/1	0.999728	179 38 39.52	3.0	0.00	
196519 1723.34	277.998	1	36/2	0.999733	134 29 45.26	3.1	0.01	
45963 1723.32	441.734	1	27/1	0.999731	113 02 00.40	2.2	0.00	
272393 1723.37	444.628	1	25/1	0.999729	168 05 53.54	2.1	0.01	
95299 1723.36	470.009	1	26/1	0.999730	151 36 53.90	2.1	0.01	
13326 1723.38	533.834	1	22/1	0.999730	170 31 38.85	1.8	0.01	

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: 1992-01-22

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1992-01-22

ON NE COR OF VARSITY DRIVE AND VEGAS ROAD NW; 0.2M W OF B.O.W. E/S VEGAS RD;
2.6M N OF B.O.W. N/S VARSITY DR PROD W; 9.7M S OF LT.S.

COORDINATE HISTORY

	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		

NON COORDINATE REVISIONS

	DESCRIPTION ENTERED
1970-12-23	FIRST MARKER LOCATION
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2015-09-10	2015-10-30
MARKER REPORTED IN GOOD CONDITION	1993-05-25	1993-11-26
MARKER REPORTED IN GOOD CONDITION.	1991-07-08	1992-01-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 56

VERT

00-06-15

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 8 56