

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 52.47988 dms  
Longitude 114 09 14.32822 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 38240

Tablet Markings 1723.20

Date Printed 2025-08-03  
Last Updated 2021-11-15

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1108.529 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5660569.254 m  
Easting -10789.073 m  
Convergence -0 07 11.29 dms  
Station Ellipsoid Factor 0.999829  
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
477984 658-8.250	160.032	1	87/2 0.999728	85 32 31.97	4.0	0.00
187740 1722.7	176.906	1	57/2 0.999733	203 50 23.38	4.7	0.00
22012 1722.6	233.650	1	43/2 0.999730	162 03 25.42	3.7	0.01
24406 1722.4	325.106	1	37/2 0.999732	167 42 49.32	3.0	0.01
10603 1722.14	376.759	1	29/1 0.999731	214 38 58.66	2.5	0.01
225870 1723.22	405.440	1	32/2 0.999729	36 18 41.62	2.5	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-01

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.8 s 2 s  
Geoid\_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BELOW GRADE. 1 G.P.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1984-11-27

	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		

32ND AVENUE AND W. OF SHAGANAPPI TR S/S;  
4.75M S OF E/W POWER POLE LINE;  
3.67M +/- S. OF S. PROP. L. OF 32 AVENUE NW;  
4.8M S OF SECOND GREEN WOODEN POWER POLE W OF SHAGANAPPI TR NW  
(S/S OF 32 AVE); 13.6M E OF FOC E/S OF EXIT TO MARKET MALL SHOPPING  
CENTER, PROD. S; MARKER IS 0.2M NORTH OF MARKER POST.

NOTE: STATION REVISED VERTICALLY 86/06/05 IN PROJECT 85041  
AND FLOATED ONLY IN ADJUSTMENT OF PROJECT 85041.

NON COORDINATE REVISIONS

	HORZ	VERT
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

1989-02-07 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 95

00-06-15 0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 95