

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 30.43043 dms  
Longitude 113 59 20.64464 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 13037  
Tablet Markings 664+04.32  
Mapsheet Name CALGARY A  
Mapsheet Number 5664 + 004

Vert Datum CVD28 Updated: 1974-05-17  
Elevation 1088.921 m  
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 94-10-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665438.664 m  
Easting 765.262 m  
Convergence 0 00 30.64 dms  
Station Ellipsoid Factor 0.999832  
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)
288977 DOT702341	259.265	1	69/2	0.999732	287 02 47.04	5.7	0.00
249284 664+04.35	441.108	1	34/2	0.999733	15 52 34.21	2.9	0.00
117713 664+04.34	506.154	1	34/2	0.999733	325 43 57.78	2.9	0.00
227314 664+04.37	822.306	1	22/1	0.999732	7 36 32.63	1.9	0.00
36368 DOT702340	839.906	1	21/1	0.999732	195 02 19.54	1.8	0.00
237545 664+04.21	843.252	1	23/1	0.999732	195 51 53.89	1.9	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 4.9 s 2 s  
Geoid\_Ellip Separation -16.45 m 1 m

MARKER TYPE

Updated: 1995-02-03

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
0.3 M S OF GP

COORDINATE HISTORY

HORZ

VERT

Originating Project 73124 73124  
Published 74-05-17 74-05-17

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-07-06

ON THE SOUTH SIDE OF 80 AVENUE AND WEST OF 32 STREET N.E.; 113.0 M WEST OF THE WEST P/L FENCE OF 32 STREET PRODUCED SOUTH; 0.60 M NORTH OF SOUTH P/L FENCE OF 80 AVENUE PRODUCED WEST; 10.0 M WEST OF A GRAY A.G.T. PEDESTAL.

NON COORDINATE REVISIONS

1983-04-19 FIRST MARKER LOCATION DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED  
2001-12-10 NGDB NUMBER ENTERED  
2001-12-10 SEE 'HISTORICAL/OTHER MARKER NAMES'

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

1994-10-28 1995-01-09  
1994-04-08 1995-02-03  
1993-03-04 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56643 4 32 NGBD # 77X1065  
NGBD NAME 664+4.32  
HISTORY 664+4.32 56643 4 32

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