

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 13 36.79632 dms  
Longitude 114 08 27.92630 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 40105  
Tablet Markings 76A020  
Mapsheet Name CALGARY H  
Mapsheet Number 5676 - 008

Vert Datum CVD28 Updated: 1999-06-21  
Elevation 1207.698 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-06-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5676768.826 m  
Easting -9854.865 m  
Convergence -0 06 36.00 dms  
Station Ellipsoid Factor 0.999813  
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
219972 676-8.2	244.861	1	53/2 0.999715	179 50 52.30	4.2	0.01
139030 676-8.1	356.007	1	39/2 0.999713	91 08 23.49	3.3	0.00
247213 673-8.1	1745.045	1	14/1 0.999716	110 55 50.99	1.2	0.01
494815 673-8.13	1817.046	1	13/1 0.999716	149 45 21.06	1.1	0.04
485789 673-8.12	2088.087	1	12/1 0.999719	218 53 50.43	1.0	0.04
392696 673-4.11	2929.027	1	10/1 0.999719	123 36 28.50	0.8	0.04

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.0 s	2 s
Prime Vert Defl,ETA(+E)	6.9 s	2 s
Geoid_Ellip Separation	-16.26 m	1 m

MARKER TYPE

Updated: 2001-12-06

DEEP BENCH-MARK IN MANHOLE

2 GP, MH & COVER

MARKER LOCATION

Updated: 1990-09-05

COORDINATE HISTORY

	HORZ	VERT
Originating Project	77117	77117
Published	83-08-11	83-08-11
Revising Project	NAD83	99101
Published	94-05-24	99-06-21
Revising Project		
Published		
Revising Project		
Published		

IN MANHOLE E/S OF 37 STREET NW AND N OF 192 AVENUE NW (N BDY SEC 18-26-1-5); 0.12 MILES N OF DRIVEWAY TO HOUSE ON E/S OF RD; 2.30 M. W OF E P/L OF 37 ST NW; 6.60 M. N OF E/W F/L (192 AVE NW); 19.5' N OF N BDY SEC 18-26-1-5  
MARKED BY TWO PROVINCE OF ALBERTA MP.  
NOTE: BENCHMARK MONUMENT.- NOT DESIGNED FOR HORIZONTAL STABILITY.  
HORIZONTAL POSITION +/- 2 CM.

NON COORDINATE REVISIONS

Date	Description
1977-04-20	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND "MAPSHEET NO" CHANGED
1992-12-16	NGDB NUMBER AND NGDB NAME ENTERED
1990-07-11	DUPLICATE ASCM# 372102 FOR THIS MARKER DELETED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1990-06-20 1990-07-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56764 8 400 NGDB # 76A020  
NGDB NAME 76A020  
HISTORY 56764 8 400

VERT

99-06-21 0.056 m ELEV REV-BETTER INTEGRATION TO CCS DBM NET  
83-08-11 ELEV FROM CCS QUAD BOOK (VERT CONTROL DATA)