

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 42.43751 dms  
Longitude 114 09 25.29701 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 10603  
Tablet Markings 1722.14  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06  
Elevation 1113.579 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5660259.399 m  
Easting -11003.224 m  
Convergence -0 07 19.81 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
3061 1722.12	202.769	1	39/1	0.999733	285 04 56.59	3.4	0.00
187740 1722.7	205.685	1	44/2	0.999730	43 55 56.84	3.8	0.00
235739 1722.11	282.951	1	32/1	0.999730	314 30 42.80	2.7	-0.01
24406 1722.4	283.496	1	39/2	0.999730	91 33 39.10	3.3	0.00
22012 1722.6	299.312	1	37/2	0.999729	72 58 17.31	3.0	0.00
23598 1722.23	314.111	1	28/1	0.999734	230 09 56.84	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.8 s 2 s  
Geoid\_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-12-02

Originating Project 70107 70107  
Published 70-12-23 70-12-23

ON SOUTH SIDE OF MONTALBAN ROAD AT 46 STREET; 0.65 M SOUTH OF FACE OF CURVE; ON  
FACE OF CURVE WEST SIDE OF 46 STREET PRODUCED SOUTH; 12.55 M WEST OF CATCH  
BASIN.

Revising Project NAD83 21002  
Published 94-05-24 01-03-06  
Revising Project  
Published  
Revising Project  
Published

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

1994-11-01 1994-12-02  
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 66

01-03-06

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 66