

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 14.46291 dms
Longitude 114 09 19.42658 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 49882
Tablet Markings 652-8.124
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1136.980 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5653832.856 m
Easting -10902.513 m
Convergence -0 07 14.88 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999726

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)
65201 652-8.123	176.808	1	51/2	0.999727	6 13 45.72	4.1	0.00
177352 652-8.122	277.967	1	40/2	0.999727	51 07 36.83	3.3	0.00
122275 652-8.125	280.344	1	50/2	0.999726	313 09 13.33	4.1	-0.01
82784 652-8.117	283.123	1	39/2	0.999724	137 50 36.39	3.2	0.01
231662 652-8.126	341.490	1	44/2	0.999726	304 12 58.31	3.6	-0.01
192161 652-8.115	431.555	1	30/2	0.999727	223 01 03.84	2.6	0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.2 s	2 s
Prime Vert Defl,ETA(+E)	7.0 s	2 s
Geoid_Ellip Separation	-15.98 m	1 m

MARKER TYPE

Updated: 1993-07-07

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL

COORDINATE HISTORY

	HORZ	VERT
Originating Project	72108	72108
Published	83-02-03	83-02-03
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project		98016
Published		00-06-15
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-07-07

IN SW CORNER OF GRASSY AREA THAT DIVIDES 47 STREET AT R.O.W. OF 37 AVENUE S.W.;
2.2 M EAST OF FACE OF SEP. WALK; 1.2 M SOUTH OF E-W STEEL FENCE SOUTH SIDE OF
R.O.W. PRODUCED EAST; 14.10 M WEST OF FH.

NON COORDINATE REVISIONS

1973-04-26 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

1993-01-21 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 124

VERT

01-02-07 0.014 m ELEVATION REVISED AND REINTEGRATED
00-06-15 0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.124 56524 8 124