

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 13.11240 dms
Longitude 114 01 29.39300 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 29447
Tablet Markings 643-0.207
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1036.802 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5644510.198 m
Easting -1745.292 m
Convergence -0 01 09.41 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
201202 643-0.160	112.781	1 124/2	0.999739	258 39 44.15	10.1	0.00
220657 643-0.152	185.159	1 76/2	0.999742	280 18 30.30	6.3	0.00
142364 643-0.206	187.767	1 53/2	0.999742	38 58 22.06	4.0	0.00
287748 643-0.158	189.429	1 53/2	0.999741	177 25 58.67	3.7	0.00
83584 643-0.151	191.351	1 68/2	0.999741	307 36 44.18	5.9	0.00
34660 643-0.161	272.597	1 44/2	0.999739	351 08 12.25	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-19

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 76026 76026
Published 83-08-31 83-08-31

ON W/S OF RD IN FRONT OF HOUSE #463 - QUEEN CHARLOTTE DR SE; 0.15 M W OF BOW ON
CURVE; 14.0 M S OF N/WALL OF HOUSE PROD E; 8.9 M S OF C/L OF FRONT CONCRETE WALK
WAY.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-10-26 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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2005-06-20 2006-06-19
1990-11-20 1991-02-04
1989-03-31 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 207

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.207 56434 0 207