

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 12.54177 dms
Longitude 114 03 09.66666 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 37044

Tablet Markings 646-0.76

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1044.710 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5646347.529 m
Easting -3701.704 m
Convergence -0 02 27.30 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
33902 643-0.25	169.644	1	71/2 0.999737	219 56 53.77	5.2	0.00
195784 646-0.77	179.405	1	78/2 0.999742	312 47 27.55	4.8	0.00
213694 643-0.21	204.255	1	78/2 0.999737	197 58 20.64	6.5	0.00
84137 646-0.80	210.078	1	67/2 0.999739	252 06 28.93	5.5	0.00
137133 646-0.79	326.012	1	46/2 0.999739	256 59 28.53	3.9	0.00
237420 643-0.23	333.411	1	51/2 0.999738	165 08 15.95	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 70102 70102
Published 71-05-25 71-05-25

IN SIDEWALK ON SW CORNER OF WILMER RD AND WILDERNESS DR SE; 0.8 M W OF BOW PROD
N; 2.7 M S OF BOW PROD E; 0.3 M SW OF FOW ON CURVE; 5.6 M NW OF CB.

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

NON COORDINATE REVISIONS

1971-05-25 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

2005-07-22 2006-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 76

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.76 56464 0 76