

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 01.93229 dms
Longitude 114 02 58.90310 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 58693

Tablet Markings 643-0.26

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 1046.063 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5646019.562 m
Easting -3491.854 m
Convergence -0 02 18.94 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
237420 643-0.23	124.522	1 112/2	0.999738	272 40 05.16	5.4	0.00
122747 643-0.90	216.206	1 65/2	0.999740	152 21 25.48	5.0	0.00
139139 643-0.24	248.129	1 64/2	0.999738	246 18 47.89	4.8	0.00
213694 643-0.21	303.946	1 56/2	0.999739	296 06 35.51	3.9	0.00
206664 643-0.89	310.370	1 48/2	0.999738	229 22 20.81	4.0	0.00
1206 643-0.91	363.040	1 52/2	0.999740	165 24 49.08	3.4	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 ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

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

ON NE CORNER OF WILLINGDON BLVD AT THE E/LEG OF WILDERNESS DR SE; 0.65 M S OF FR
ONT OF SEP.W.; 2.0 M E OF BOW PROD S; 5.6 M S OF LT.S.; 1.2 M NE OF BOW ON CURVE
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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
MARKER REPORTED IN GOOD CONDITION

2005-06-08 2006-06-19
1989-03-28 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 26

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.26 56434 0 26