

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 18.66517 dms
Longitude 113 56 24.35674 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-11
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 14886
Tablet Markings 661+8.54
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1093.892 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663222.781 m
Easting 4194.970 m
Convergence 0 02 47.84 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
139816 661+8.52	153.594	1 65/2	0.999728	333 34 53.86	4.4	0.00
73593 661+8.34	205.603	1 49/2	0.999734	189 44 32.01	4.1	0.00
132324 661+8.51	303.037	1 43/2	0.999729	334 39 47.54	3.0	0.00
183525 661+8.53	339.773	1 41/2	0.999730	29 03 32.68	3.4	0.00
17194 661+4.101	491.548	1 28/2	0.999730	270 36 00.42	2.4	0.00
242990 661+8.56	509.461	1 29/2	0.999733	139 09 15.76	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1985-01-23

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.50 m 1 m

ASC BRASS TABLET ON 2" X 10' STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-22

Originating Project 82047 82047
Published 85-01-23 85-01-23
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

LOCATED AT THE NORTH EAST CORNER OF FALTON DRIVE AND FALTON MEWS NORTH EAST;
AT BACK OF CURB ON CURVE; 1.8 M EAST OF BACK OF CURB EAST OF FALTON DRIVE
TANGENT; 4.8 M NORTH OF BACK OF ROLLED CURB ON THE NORTH SIDE OF FALTON
MEWS PRODUCED WEST; 0.05 M NORTH EAST OF BACK OF ROLLED CURB OF FALTON DRIVE
ON CURVE.

NON COORDINATE REVISIONS

1985-01-23 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.

1988-10-12 1988-11-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 8 54

99-10-21

0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 8 54