

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 01.75318 dms
Longitude 113 57 17.46719 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 19984

Tablet Markings 655+4.200

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1061.061 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5657137.538 m
Easting 3165.528 m
Convergence 0 02 06.40 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

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)
280784 655+4.257	109.215	1	92/2 0.999742	202 04 24.50	4.0	0.00
77362 655+4.202	160.665	1	50/2 0.999735	110 02 36.96	4.2	0.00
159293 655+4.246	174.194	1	63/2 0.999735	344 32 28.80	2.9	0.00
56754 655+4.149	191.088	1	37/1 0.999741	197 04 43.22	2.6	0.00
90563 655+4.259	200.809	1	80/2 0.999743	229 14 05.82	6.3	0.00
135178 655+4.198	216.460	1	37/1 0.999737	129 36 26.98	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 76019 76019
Published 76-10-31 76-10-31

LOCATED ON NE CORNER OF THE SW LEG OF PENWORTH CRES SE; 0.06 M NE OF BOW ON CURV
E; 3.5 M N OF BOW PROD W; 1.10 M E OF BOW PROD S.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-12-01 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

2006-06-01 2007-06-25
1988-02-02 1988-07-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 200

99-10-21

0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.200 56553 4 200