

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 07.58728 dms
Longitude 113 58 43.69269 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 26880
Tablet Markings 658+4.203
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1080.597 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659171.024 m
Easting 1485.594 m
Convergence 0 00 59.36 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

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)
219485 658+4.308	157.177	1	64/2 0.999734	274 12 11.41	5.3	0.00
177675 658+4.201	164.250	1	55/2 0.999736	142 33 09.69	4.6	0.00
48330 658+4.204	165.095	1	48/2 0.999733	110 39 01.98	4.2	0.00
101998 658+4.208	194.885	1	41/2 0.999732	6 21 37.41	3.3	0.00
256958 658+4.209	270.409	1	33/1 0.999732	321 01 44.35	2.7	0.00
51201 658+4.207	284.471	1	35/2 0.999731	42 45 09.79	3.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

Originating Project 76030 76030
Published 76-03-01 76-03-01

LOCATED ON THE SOUTH EAST CORNER OF 38 STREET AND RUNDLE RIDGE ROAD NORTH
EAST; 0.1 M SE OF BOW ON CURVE; 3.0 M E OF E/BOW PROD N; 2.7 M S OF S/BOW PROD W
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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.

2007-01-26 2007-06-22
1988-09-29 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 203

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.203 56583 4 203