

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 21.12325 dms
Longitude 113 57 30.85740 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 40832
Tablet Markings 658+4.103
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1083.264 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659589.882 m
Easting 2903.357 m
Convergence 0 01 56.02 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62349 658+4.102	184.762	1 54/2	0.999730	264 53 40.74	4.7	0.00
30247 658+4.92	204.127	1 39/1	0.999732	243 46 57.92	3.4	0.00
48801 658+4.315	210.870	1 85/2	0.999732	207 13 10.08	7.2	0.00
261586 658+4.100	217.121	1 46/2	0.999733	290 46 08.51	3.9	0.00
118802 658+4.158	267.490	1 37/2	0.999734	114 31 36.03	3.3	0.00
88435 658+4.101	279.730	1 43/2	0.999733	267 59 34.79	3.5	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) 4.2 s 2 s
Geoid_Ellip Separation -16.43 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 NORTH EAST CORNER OF RUNDLEHORN CRESCENT AND 52 STREET NORTH
EAST SOUTH LEG; 0.1 M W OF W/FOC OF 52 ST NE; ON BOW N PROD E TO BLVD.

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.

2007-01-15 2007-06-22
1988-09-29 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 103

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.103 56583 4 103