

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 15.20367 dms
Longitude 113 56 07.55328 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 5348

Tablet Markings 658+8.46

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1069.750 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659408.137 m
Easting 4525.198 m
Convergence 0 03 00.83 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
786699 786699	209.405	1	29/1 0.999735	11 21 31.79	2.6	0.00
278945 658+8.47	225.782	1	27/1 0.999736	273 58 40.65	2.2	0.00
169490 658+8.49	262.492	1	27/1 0.999733	313 47 47.85	2.3	0.00
542258 542258	268.313	1	34/1 0.999736	85 10 26.56	2.8	0.00
824367 824367	280.631	1	32/1 0.999734	55 26 25.86	2.7	0.00
231514 658+8.129	359.857	1	19/1 0.999734	184 49 40.65	1.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-02-18

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 3.9 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRND, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-24

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

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 79013 91055
Published 83-08-19 92-09-01
Revising Project
Published

ON THE SE COR. OF PINETREE RD. AND PINETREE RD. AT THE NE LEG;
ON B.O.W. S. PROD. E; 1.7 M W OF POST AND CABLE FENCE;
MON. SITS IN CONC. CB. .
ON CONCRETE CURB AT THE NE COR OF PINETREE ROAD AND PINETREE ROAD N.E.; 0.40 M
SOUTH OF B.O.W. S/S OF PINETREE ROAD PROD. E.; 0.15 M EAST OF F.O.C.; 1.30 M
WEST OF CABLE FENCE; 7.20 M SSE OF CB.

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	1993-08-25	1994-01-24
MARKER REPORTED IN GOOD CONDITION	1992-11-23	1993-02-02
MARKER REPORTED IN GOOD CONDITION	1991-08-19	1992-02-18
MARKER REPORTED IN GOOD CONDITION	1991-01-29	1991-08-01

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 46

VERT

99-10-21 0.025 m REVISED ELEVATION-BETTER INTEGRATION
92-09-01 -0.021 m REVISED ELEVATION-MOVEMENT SUSPECTED

HISTORY 658+08.46 56583 8 46