

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 54.49966 dms
Longitude 113 57 59.03177 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 45575
Tablet Markings 658+4.174
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1095.590 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660620.921 m
Easting 2354.417 m
Convergence 0 01 34.12 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

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)
117960 658+4.122	112.486	1	53/1 0.999726	117 00 11.60	4.3	0.00
85001 658+4.173	170.667	1	41/1 0.999733	6 49 17.55	3.5	0.00
59576 658+4.123	184.875	1	49/2 0.999730	149 03 14.21	3.9	0.00
223651 658+4.110	207.136	1	34/1 0.999728	104 12 54.29	2.8	0.00
170951 658+4.164	216.672	1	42/2 0.999730	64 10 51.29	3.6	0.00
239251 658+4.121	240.181	1	29/1 0.999731	264 35 00.40	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.43 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-21

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

MARKER IS LOCATED ON THE NW CORNER OF WHITEVIEW ROAD NE (SE LEG); 2.1 M N OF BOW
N/S PROD EAST; 0.1 M NW OF BOW ON CURVE; 3.9 M W OF BOW W/S PROD S; 6.9 M NE OF
LIGHT STANDARD.

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. 1988-09-23 1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 174

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.174 56583 4 174