

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 06.86023 dms  
Longitude 113 58 33.28690 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 79-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 57315  
Tablet Markings 655+4.310  
Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1069.223 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-04-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657294.649 m  
Easting 1688.793 m  
Convergence 0 01 07.44 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)
50195 655+4.312	147.007	1 129/3	0.999739	55 13 38.73	10.7	0.00
23291 655+4.308	150.974	1 113/2	0.999735	77 41 46.66	8.7	0.00
200253 655+4.305	183.286	1 115/3	0.999739	142 34 05.51	9.0	0.00
287383 655+4.289	218.644	1 101/3	0.999736	244 23 45.57	7.7	0.00
182923 655+4.306	229.240	1 100/3	0.999739	129 33 21.68	8.3	0.00
118950 655+4.290	289.765	1 76/2	0.999733	237 33 27.41	6.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-02

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.37 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
1 CM. BELOW GRL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1980-06-04

Originating Project 78040 78040  
Published 83-08-18 83-08-18  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

ON SW CORNER OF THE NW LEG OF FONDA DR SE AND FONDA DR SE;  
5.0CM W OF B.O.W. W ON CURVE;  
3.2M W OF B.O.W. W FONDA DR TANGENT PROD N;  
IN LINE WITH B.O.R.C. S FONDA DR PROD W;

NON COORDINATE REVISIONS

1980-06-04 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

1989-04-12 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 310

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.310 56553 4 310