

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 07.89950 dms  
Longitude 113 58 25.71445 dms  
Horz Class INTEGRATED , ORDER 2

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

ASCM 23291  
Tablet Markings 655+4.308  
Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1067.594 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 5657326.812 m  
Easting 1836.260 m  
Convergence 0 01 13.33 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)
39438 655+4.309	125.179	1 136/3	0.999732	222 39 54.78	11.3	0.00
57315 655+4.310	150.974	1 113/2	0.999735	257 41 46.66	8.7	0.00
182923 655+4.306	180.542	1 116/3	0.999738	170 40 47.78	6.1	0.00
200253 655+4.305	181.345	1 110/3	0.999736	191 28 58.72	7.8	0.00
91843 655+4.125	243.398	1 70/2	0.999735	66 01 40.96	5.8	0.00
74211 2520.29	278.597	1 61/2	0.999738	86 45 34.36	5.0	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  
2 CM. BELOW GRL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1980-06-04

Originating Project 78040 78040  
Published 83-08-18 83-08-18

ON NW CORNER FONDA HILL SE AND FONDA DR SE;  
5.0CM N OF B.O.W. N FONDA DR;  
5.8M W OF B.O.W. W FONDA HILL TANGENT PROD N;

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

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 4 308

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.308 56553 4 308