

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 52.64341 dms
Longitude 113 58 25.03859 dms
Horz Class INTEGRATED , ORDER 3

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

ASCM 62448
Tablet Markings 655+4.300
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.211 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 5656855.412 m
Easting 1849.592 m
Convergence 0 01 13.85 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
180018 655+4.319	162.673	1 129/3	0.999735	177 54 49.95	6.0	0.00
10652 655+4.298	165.644	1 91/2	0.999736	262 37 00.97	5.0	0.00
188219 655+4.313	175.579	1 125/3	0.999736	32 11 25.27	8.9	0.00
100602 655+4.314	191.644	1 104/3	0.999739	151 12 24.63	7.8	0.00
9274 2520.20	272.831	1 66/2	0.999735	104 22 47.95	5.6	0.00
125591 655+4.299	283.973	1 67/2	0.999738	214 07 38.63	5.4	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 NW CORNER OF 100 FONDA COURT AND FONDA WAY SE;
0.1M N OF B.O.W. ON CURVE;
0.9M N OF N B.O.W. 100 FONDA COURT PROD E;
6.6M W OF B.O.R.C. W/S OF FONDA WAY PROD S;

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 4 300

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.300 56553 4 300