

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 57.75951 dms
Longitude 113 57 42.79698 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 68478
Tablet Markings 655+4.250
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1064.005 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657013.856 m
Easting 2672.263 m
Convergence 0 01 46.70 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)
129437 655+4.258	133.123	1 128/3	0.999731	85 02 14.24	5.1	0.00
293365 655+4.251	145.288	1 117/2	0.999739	277 31 00.23	5.9	0.00
299917 2520.31	254.453	1 63/2	0.999736	272 52 46.00	5.2	0.00
182691 655+4.247	274.744	1 66/2	0.999735	65 50 56.13	4.6	0.00
44784 2520.34	333.084	1 81/3	0.999737	7 26 35.21	6.7	0.00
90563 655+4.259	341.384	1 67/2	0.999734	91 14 35.05	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 76019 76019
Published 76-10-31 76-10-31

S.W. CORNER OF FOREGO AVENUE AND FORITANA ROAD; 0.06 M BACK OF CURVE OF FOREGO A
VE AND FORITANA RD SE; 0.6 M S OF S BACK OF CURVE PROD E; 5.9 M W OF W BACK OF C
URVE PROD N; 3.0 M E OF CB.

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

2006-06-05 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 250

99-10-21

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.250 56553 4 250