

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 47.31169 dms
Longitude 113 59 34.10425 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 58594
Tablet Markings 655+4.267
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1088.657 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-04-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5656690.358 m
Easting 504.395 m
Convergence 0 00 20.14 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
192872 2420.12	158.911	1	50/2	0.999731	190 14 39.36	4.2	0.00
97162 655+4.275	305.674	1	39/2	0.999733	88 51 30.53	3.2	0.00
248658 655+4.237	355.512	1	28/1	0.999730	17 45 45.84	2.4	0.00
8896 2420.4	400.685	1	40/2	0.999732	190 47 14.50	3.2	0.00
165258 2420.13	428.816	1	47/2	0.999733	240 45 03.00	3.5	0.00
245282 243208	437.674	1	27/1	0.999730	339 34 59.43	2.3	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) 4.5 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

FLUSH WITH GROUND.2 CM. ABOVE GRL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-06-08

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

LOCATED ON THE NORTH WEST BEND OF RADCLIFFE DRIVE SOUTH WEST OF 100
RADCLIFFE PLACE NEXT TO BACK OF WALK ON RADCLIFFE DRIVE; 25.0 CM SOUTH WEST
OF SEPERATE WALK LEADING TO LRT PARKING LOT; 4.2 M NORTH WEST OF FIRE HYDRANT.

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
MARKER REPORTED IN GOOD CONDITION

1989-04-13 1990-05-02
1988-01-19 1988-05-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 267

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.267 56553 4 267