

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 50 55.14047 dms
Longitude 114 02 52.62650 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 45161

Tablet Markings 634-0.5

Date Printed 2025-08-03
Last Updated 2019-01-11

Mapsheet Name CALGARY E
Mapsheet Number 5634 - 000

Vert Datum CVD28 Updated: 2007-03-05
Elevation 1070.007 m
Vert Class PROVISIONAL , GPS SAT. POS.

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

Marker Condition GOOD 95-08-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-11

Scale Factor 0.999900 At Ref Mer 114

Northing 5634686.100 m
Easting -3376.707 m
Convergence -0 02 13.87 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
203794 634-04.9	1470.353	1	32/2 0.999729	258 55 03.99	2.7	0.00
21501 76A024	1599.614	1	32/2 0.999736	2 29 09.30	2.0	-0.01
165407 634-0.1	1611.015	1	32/2 0.999736	1 24 06.51	2.0	-0.01
57091 634-4.8	1625.283	1	31/2 0.999729	261 28 39.79	2.6	0.00
254193 634-4.10	2069.430	1	26/2 0.999735	309 10 55.34	1.9	-0.01
67827 634-4.7	3239.203	1	18/1 0.999734	270 19 24.60	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-03-29

Meridian Defl,XI(+N) 4.8 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -15.84 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10.0 CM BGL. 0.3 M SOUTH EAST OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-11-02

Originating Project 75116 75116
Published 83-07-27 83-07-27

Revising Project NAD83 97028
Published 94-05-24 07-03-05
Revising Project
Published
Revising Project
Published

NEAR THE NE COR. OF SEC. 3-22-1-5,
LOCATED ON THE WEST SIDE OF 6 STREET AT T-INTERSECTION OF 226 AVENUE SOUTH
EAST; 12.2 M SOUTH OF THE NORTH PROPERTY LINE OF 6 STREET SOUTH EAST; ON WEST
PROPERTY LINE OF 6 STREET PRODUCED NORTH.

NON COORDINATE REVISIONS

1975-10-20 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	1995-08-01	1995-11-02
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-22
MARKER REPORTED IN GOOD CONDITION.	1989-01-30	1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56344 0 5

07-03-05 -0.593 m PREVIOUS TRIG ELEVATION REPLACED BY GPS

HISTORY 634+00.5 56344 0 5