

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 32.24957 dms  
Longitude 114 10 39.31840 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 2717

Tablet Markings 655-12.40

Date Printed 2025-08-03  
Last Updated 2016-04-08

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1207.803 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-10-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658093.897 m  
Easting -12449.241 m  
Convergence -0 08 17.26 dms  
Station Ellipsoid Factor 0.999813  
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
117101 655-12.54	141.251	1	49/2 0.999722	275 23 25.99	3.1	0.00
11932 655-12.55	215.615	1	32/1 0.999716	287 04 38.37	2.4	0.00
193367 655-12.53	217.115	1	51/2 0.999718	234 02 36.33	4.0	0.00
72678 655-12.75	254.740	1	51/2 0.999717	270 39 14.54	3.9	0.00
265686 655-12.51	282.167	1	43/2 0.999716	216 29 01.30	3.6	0.01
52191 655-12.57	293.730	1	41/2 0.999717	265 28 11.71	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2016-03-21

Meridian Defl, XI(+N) 2.8 s 2 s  
Prime Vert Defl, ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.98 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE.  
100 CM BGL, 60 CM S OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2016-03-21

Originating Project 72107 72107  
Published 83-03-03 83-03-03  
  
Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER IS LOCATED ON THE NE CORNER OF OLD BANFF COACH RD AT LANE E OF  
PATTERSON BLVD SE; 2.9 M N OF B.O.W. ON CURVE; 0.7 M E OF POW.P. LINE  
PROD. S; 3.3 M NW OF POW.P; MARKER IS ENCASED IN BLUE PLASTIC PIPE WITH  
COVER ATTACHED.

NON COORDINATE REVISIONS

1972-05-10 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2001-12-10 NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2015-10-26	2016-03-21
MARKER REPORTED AS DESTROYED	2012-11-30	2013-01-17
MARKER REPORTED IN GOOD CONDITION	1995-09-21	2001-08-29
MARKER REPORTED IN GOOD CONDITION.	1988-11-22	1989-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 40 NGDB # 77X1044  
NGDB NAME 655-12.40  
HISTORY 56554 12 40

00-06-15 0.025 m REVISED ELEVATION-BETTER INTEGRATION