

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 02.64023 dms
Longitude 114 00 49.20943 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-06

ASCM 66480

Tablet Markings 649+0.188

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1033.197 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-03-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5651602.184 m
Easting -959.441 m
Convergence -0 00 38.24 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
79889 649+0.187	193.873	1	62/2	0.999744	91 28 19.19	5.3	0.00
89060 649+0.109	196.611	1	51/2	0.999743	179 42 29.58	3.9	0.00
146456 649+0.180	246.271	1	49/2	0.999740	147 37 53.43	4.0	0.00
65052 649+0.177	443.914	1	45/2	0.999740	222 20 25.82	3.7	0.00
264150 C30	728.748	1	19/1	0.999741	180 10 33.61	1.6	0.00
156521 649-0.142	740.943	1	19/1	0.999741	190 29 51.17	1.6	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-02-09

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 4.8 s 2 s
Geoid_Ellip Separation -16.23 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRADE, IN SIDEWALK.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2015-05-01

Originating Project 83026 83026
Published 84-02-17 84-02-17

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

ON E/S OF LYNNVIEW RD SE ; 45CM W OF E B.O.W. ON CURVE;
7.7M E OF W F.O.C. SHORT STRAIGHT TANGENT PROD S;
25.4M NE OF THIRD LIGHT STANDARD FROM MILLICAN RD SE ON E/S.
2015: 5.4 M S.W. OF CHAIN LINK FENCE; 4.0 M N.E OF BOC CURVE

NON COORDINATE REVISIONS

1984-02-09 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
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

2015-03-18 2015-05-01
2008-02-28 2008-03-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 0 188

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 0 188