

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 58 31.93547 dms  
Longitude 114 00 57.61055 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-12  
Date Printed 2025-08-03  
Last Updated 2018-02-12

ASCM 6957  
Tablet Markings 646-0.139  
Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1020.576 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5648799.517 m  
Easting -1123.847 m  
Convergence -0 00 44.76 dms  
Station Ellipsoid Factor 0.999843  
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
250332 646-0.140	201.124	1	35/1	0.999742	271 02 26.52	2.4	0.00
107656 646-0.141	203.863	1	49/2	0.999739	245 12 22.63	4.2	0.00
250894 646-0.145	271.060	1	30/1	0.999743	63 11 16.01	2.2	0.00
12435 646-0.144	284.818	1	28/1	0.999743	173 04 50.93	1.9	0.00
313379 313379	356.400	1	31/1	0.999744	147 03 17.92	2.4	0.00
494773 646-0.146	368.487	1	24/1	0.999743	36 02 06.29	2.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 3.4 s 2 s  
Prime Vert Defl,ETA(+E) 4.9 s 2 s  
Geoid\_Ellip Separation -16.19 m 1 m

ASC BRASS TABLET ON A 7 X 305CM PIPE WITH HELIX  
6 CM BGL, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-10-11

Originating Project 83062 83062  
Published 85-01-25 85-01-25  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project 89045  
Published 90-12-05  
Revising Project  
Published

LOCATED ON THE SOUTH WEST CORNER OF RIVERGLEN DRIVE AND RIVERBEND BOULEVARD (18 STREET SOUTH EAST); AT THE INTERSECTION OF FACE OF CURB ON CURVE AND BACK OF SEPERATE WALK; 30.0 CM SOUTH WEST OF FACE OF CURB ON CURVE; 13.0 CM SOUTH OF BACK OF SEPERATE WALK; 2.48 M EAST OF BACK OF SEPERATE WALK; 7.43 M NORTH OF FIRE HYDRANT.

NON COORDINATE REVISIONS

1985-01-24 FIRST MARKER LOCATION DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1993-03-03	1993-07-06
MARKER REPORTED IN GOOD CONDITION	1993-01-27	1993-03-30
MARKER REPORTED IN GOOD CONDITION	1991-09-19	1991-10-28
MARKER REPORTED IN GOOD CONDITION.	1989-08-24	1989-10-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 0 139

VERT

99-08-16 0.014 m ELEVATION REVISED AND REINTEGRATED  
90-12-05 0.004 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56464 0 139