

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 58 09.36577 dms  
Longitude 114 08 10.61151 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 25296

Tablet Markings 646-8.110

Date Printed 2025-08-03  
Last Updated 2018-02-12

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1113.865 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5648110.855 m  
Easting -9571.967 m  
Convergence -0 06 21.11 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor 0.999729

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)
121764 646-8.112	142.529	1	70/2	0.999733	40 28 31.22	5.9	0.00
83238 646-8.106	163.387	1	49/2	0.999733	275 46 35.11	4.0	0.00
185793 646-8.119	182.223	1	60/2	0.999730	71 09 27.25	5.2	0.00
222372 646-8.120	208.376	1	53/2	0.999727	70 42 23.68	4.5	0.00
16055 646-8.41	271.974	1	44/2	0.999729	126 29 57.54	3.5	0.00
127464 646-8.40	273.952	1	36/2	0.999731	79 42 06.87	3.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-08

Meridian Defl,XI(+N) 3.8 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BELOW GROUND LEVEL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

Originating Project 72115 72115  
Published 83-03-19 83-03-19  
  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

ON S.W. CORNER OF OAKCLIFFE DRIVE & OAKLAND WAY S.W.;  
0.65M SOUTH OF B.O.W. SOUTH PROD. EAST;  
4.80M WEST OF B.O.W. WEST PROD. NORTH;  
3.70M WEST OF CENTRE OF TWIN C.B.'S.

NON COORDINATE REVISIONS

1972-08-09 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

1990-05-01 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 110

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.110 56464 8 110