

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 56.68932 dms  
Longitude 114 08 26.27719 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 42358

Tablet Markings 640-8.33

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 008

Vert Datum CVD28 Updated: 1983-03-21  
Elevation 1150.043 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5642157.942 m  
Easting -9888.956 m  
Convergence -0 06 32.98 dms  
Station Ellipsoid Factor 0.999822  
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	T-t Corr (s)
13946 76A017	640.142	1	23/1	0.999725	356 48 17.71	1.7	-0.02
221382 HILTON	677.998	1	21/1	0.999722	252 42 30.76	1.7	0.01
21956 640-8.32	918.461	1	15/1	0.999726	102 28 18.11	1.3	0.00
979534 979534	1014.085	1	13/1	0.999723	178 26 58.51	1.1	0.03
914382 914382	1177.226	1	14/1	0.999722	211 47 39.89	1.1	0.03
86934 640-8.34	1179.142	1	12/1	0.999725	148 18 27.99	0.9	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-07-18

Meridian Defl,XI(+N) 4.5 s 2 s  
Prime Vert Defl,ETA(+E) 7.3 s 2 s  
Geoid\_Ellip Separation -15.79 m 1 m

IRON BAR 1.5 M LONG

FLUSH WITH GROUND. 0.30M WEST OF M.P.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1990-07-18

Originating Project 73118 73118  
Published 83-03-21 83-03-21

LOCATED ON WEST SIDE OF 37 ST. AND NORTH OF 154 AVE. FENCE LINE;  
210.0M NORTH OF 154 AVE.; 11.20M WEST OF WEST P/L OF 37 ST. S.W.;  
2.0M N.E. OF POWER POLE.

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

"ELEVATION DERIVED FROM SPIRIT LEVELS RUN IN MARCH 1979".

NON COORDINATE REVISIONS

1974-03-21 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.  
MARKER REPORTED IN GOOD CONDITION

1990-06-19 1990-07-18  
1990-05-10 1990-06-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 8 33

HISTORY 640-08.33 56404 8 33