

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 48.06076 dms  
Longitude 114 01 45.70592 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 32987  
Tablet Markings 643-0.144  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1024.687 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645590.181 m  
Easting -2063.352 m  
Convergence -0 01 22.09 dms  
Station Ellipsoid Factor 0.999842  
Station Combined Factor 0.999742

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
267914 643-0.145	137.600	1 65/2	0.999742	121 41 41.73	5.1	0.00
172577 643-0.186	240.912	1 54/2	0.999743	148 45 11.77	4.7	0.00
289660 643-0.146	309.115	1 45/2	0.999743	161 28 15.42	3.9	0.00
262626 643-0.143	423.099	1 26/1	0.999744	232 57 16.30	2.2	0.00
189027 643-0.138	480.273	1 27/1	0.999742	197 49 21.93	2.3	0.00
41129 643-0.44	482.169	1 25/1	0.999741	239 08 35.23	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-28

Meridian Defl,XI(+N) 3.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.3 s 2 s  
Geoid\_Ellip Separation -16.11 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
2 CM AGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 75108 75108  
Published 83-04-29 83-04-29

ON NW CORNER OF RD IN FRONT OF HOUSE #1491 - LIKE MICHIGAN CRES SE; 1.8 M W OF E  
/WALL OF HOUSE PROD S; 0.05 M N OF BOW ON CURVE; 12.8 M NE OF MANHOLE.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-01-05 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	2005-05-31	2006-06-19
MARKER REPORTED IN GOOD CONDITION	1991-06-27	1992-01-28
MARKER REPORTED IN GOOD CONDITION.	1989-09-18	1989-10-12
MARKER REPORTED IN GOOD CONDITION	1989-03-21	1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 144

01-02-07

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.144 56434 0 144