

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 35.06848 dms  
Longitude 114 02 36.97312 dms  
Horz Class INTEGRATED , ORDER 3

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

ASCM 27797  
Tablet Markings 643-0.175  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-04-29  
Elevation 1040.734 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5643335.297 m  
Easting -3065.407 m  
Convergence -0 02 01.86 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
274936 640-0.40	150.582	1 66/2	0.999741	154 25 04.59	3.4	0.00
159855 643-0.176	245.881	1 41/2	0.999740	330 47 24.82	3.4	0.00
102665 643-0.131	360.577	1 33/2	0.999740	339 57 40.83	2.8	0.00
68114 643-0.178	401.270	1 32/2	0.999740	85 13 16.70	2.6	0.00
4960 640-0.39	418.146	1 29/1	0.999740	118 42 35.80	2.4	0.00
3608	464.185	1 135/3	0.999734	43 02 25.26	11.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 4.1 s 2 s  
Prime Vert Defl,ETA(+E) 5.7 s 2 s  
Geoid\_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

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

IN PARK W OF INT OF PARK ESTATES SR AT PARKWOOD DR SE; 20.5 M W OF BOW ON CURVE;  
IN LINE WITH BOW S/S PROD W; 20.9 M SE OF LT.S.; 0.3 M W OF THE W/EDGE OF GRAVE  
L PATHWAY ON CURVE.

Revising Project NAD83  
Published 94-05-24  
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  
MARKER REPORTED IN GOOD CONDITION

2005-06-15 2006-06-19  
1989-04-04 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 175

HISTORY 643+00.175 56434 0 175