

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 01.49270 dms  
Longitude 114 01 17.15443 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 3574  
Tablet Markings 640-0.79  
Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1983-07-15  
Elevation 1034.584 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5642297.159 m  
Easting -1506.991 m  
Convergence -0 00 59.89 dms  
Station Ellipsoid Factor 0.999840  
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)
254219 640-0.86	186.706	1	37/1 0.999743	68 55 56.35	3.1	0.00
157743 640-0.80	243.408	1	33/1 0.999739	153 18 47.61	2.7	0.00
94169 640-0.71	245.460	1	29/1 0.999742	212 41 50.05	2.5	0.00
103747 640-0.107	302.911	1	30/1 0.999744	94 39 51.01	2.6	0.00
184374 640-0.87	342.870	1	23/1 0.999743	120 54 57.70	1.8	0.00
160846 640-0.49	399.559	1	23/1 0.999739	308 40 08.86	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-09-20

Meridian Defl, XI(+N) 4.1 s 2 s  
Prime Vert Defl, ETA(+E) 5.3 s 2 s  
Geoid\_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG  
LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 76045 76045  
Published 83-07-15 83-07-15

ON N/S OF RD AT THE NW LEG OF PARKRIDGE CRES SE; 0.10 M N OF BOC; ON BOW E/S PRO  
D N; 2.4 M S OF E-W POST AND CABLE FENCE.

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

NON COORDINATE REVISIONS

1977-09-20 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.

2005-06-24 2006-06-16  
1989-02-07 1989-09-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 79

HISTORY 640+00.79 56404 0 79