

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 58.12065 dms  
Longitude 114 01 41.89534 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 41350  
Tablet Markings 658-0.150  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1048.865 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5658878.677 m  
Easting -1983.869 m  
Convergence -0 01 19.26 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
257360 F91	268.886	1	33/1	0.999735	264 12 59.68	2.7	0.00
100958 F17	337.440	1	33/2	0.999737	234 22 18.47	2.7	0.00
188557 2221.35	394.325	1	46/2	0.999735	272 59 24.94	2.6	0.00
135970 F20	404.695	1	25/1	0.999738	101 49 45.75	2.0	0.00
249763 2221.34	424.596	1	63/2	0.999736	247 08 47.10	5.2	0.00
188078 F21	459.385	1	28/1	0.999738	325 57 03.03	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-02-02

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.31 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
1 CM BGL, LANDSCAPED, 0.6 M S OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-10-01

Originating Project 76046 76046  
Published 83-06-24 83-06-24

IN ISLAND ON THE SW COR OF DEERFOOT TR AND 16 AVE NE; 1.75 M W OF FOC ON  
ISLAND; 5.85 M N OF BULLNOSE; 14.8 M S OF TRAFFIC LT.S.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 98015  
Published 99-10-21  
Revising Project  
Published

NON COORDINATE REVISIONS

1978-02-02 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 1993-06-28 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 150

00-06-15 -0.058 m REVISED ELEVATION-BETTER INTEGRATION  
99-10-21 0.041 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00.150 56584 0 150