

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 08.33133 dms  
Longitude 114 03 15.24149 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 33902  
Tablet Markings 643-0.25  
Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1047.182 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5646217.510 m  
Easting -3810.603 m  
Convergence -0 02 31.63 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
84137 646-0.80	112.121	1 116/2	0.999738	305 45 12.14	6.0	0.00
37044 646-0.76	169.644	1 71/2	0.999737	39 56 53.77	5.2	0.00
137133 646-0.79	216.274	1 69/2	0.999739	285 11 23.65	4.8	0.00
35063 643-0.22	240.848	1 71/2	0.999738	198 07 11.04	5.4	0.00
195784 646-0.77	252.951	1 67/2	0.999739	354 50 42.65	5.5	0.00
237420 643-0.23	273.407	1 59/2	0.999739	134 40 03.67	3.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-07-05

Meridian Defl,XI(+N) 3.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.07 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED

COORDINATE HISTORY

HORZ VERT

Originating Project 70102 70102  
Published 71-05-25 71-05-25

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1995-07-05

IN CONCRETE SIDE WALK ON THE NORTH CORNER OF WILLINGDON BOULEVARD AND WILMER ROAD SOUTH EAST; 2.35 M NORTH EAST OF BACK OF WALK PRODUCED SOUTH EAST; 1.1 M NORTH WEST OF BACK OF WALK PRODUCED SOUTH WEST; 0.3 M NORTH OF FACE OF CURVE ON CURVE.

NON COORDINATE REVISIONS

1971-05-25 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

1995-02-06 1995-07-05  
1989-03-28 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 25

VERT

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.25 56434 0 25