

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 05.33959 dms
Longitude 114 01 26.72932 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 89-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 24463
Tablet Markings 24463
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1038.995 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-08-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5640562.157 m
Easting -1694.575 m
Convergence -0 01 07.31 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)
438408 438408	274.538	1 40/2	0.999739	246 31 49.83	3.2	0.00
178939 640-0.231	332.940	1 36/2	0.999740	326 27 05.35	2.5	0.00
312678 312678	378.552	1 32/2	0.999741	190 22 21.29	2.4	0.00
368407 368407	395.099	1 33/2	0.999740	273 55 51.08	2.6	0.00
60525 231109	406.182	1 30/1	0.999741	16 18 41.77	2.5	0.00
387837 387837	435.312	1 32/2	0.999740	218 03 47.97	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-22

Meridian Defl,XI(+N) 4.3 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC CAP ON 5 CM SQ HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE, BELOW
MANHOLE FRAME AND COVER IN MANHOLE WITH COVER.

MARKER LOCATION

Updated: 2007-06-22

COORDINATE HISTORY

Originating Project 89005 89005
Published 90-12-10 90-12-10

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

LOCATED IN SIDEWALK IN A MANHOLE WITH COVER; ON E/SIDE OF SUNVALLY BLVD ACROSS F
ROM SUNRISE CIRCLE SE; 0.5 M W OF BACK OF SEPARATE WALK; 3.4 M S OF BOC S/S PROD
E; 3.0 M SE OF SE CORNER POST OF BUS SHELTER.

NON COORDINATE REVISIONS

1989-06-27 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1989-06-27 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

2006-08-11 2007-06-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED