

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 24.27101 dms
Longitude 114 02 51.91512 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05

ASCM 2329

Tablet Markings 220110

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1042.053 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-12-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5641147.923 m
Easting -3358.614 m
Convergence -0 02 13.43 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor
99440 640-0.209	247.159	1	36/2	0.999741
124917 640-0.185	247.384	1	44/2	0.999739
288878 640-0.187	254.595	1	47/2	0.999743
123562 640-0.208	293.034	1	44/2	0.999741
103465 640-0.207	384.798	1	29/1	0.999741
179580 640-0.162	438.210	1	30/2	0.999739

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
98 18 33.17	2.9	0.00
3 28 09.31	2.8	0.00
57 49 29.70	3.8	0.00
127 20 36.79	3.6	0.00
152 47 21.78	2.5	0.00
17 10 25.15	2.5	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	4.3 s	2 s
Prime Vert Defl, ETA(+E)	5.9 s	2 s
Geoid_Ellip Separation	-15.98 m	1 m

MARKER TYPE

Updated: 1985-12-04

TSC CAP IN REINFORCED CONCRETE CYLINDER

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	63004 70-01-18	63004 70-01-18
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2007-06-25

IN SEWER MANHOLE NW OF MIDLAKE BLVD AND SUN VALLEY BLVD; 1.1 M S OF FRONT OF SEP .W; 16.7 M W OF FOC PROD S ON MIDLAKE BLVD; 1.1 M SW OF W POWER POLE.

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN JUNE 1979.

NON COORDINATE REVISIONS

Date	Description
1985-12-04	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
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MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2005-12-05	2007-06-25
1988-11-25	1989-08-17
1988-11-25	1989-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 2 NGBD # 636194

VERT

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 0 2