

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 31.91453 dms
Longitude 113 51 55.96748 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 67306

Tablet Markings 652+12.1

Date Printed 2025-08-03
Last Updated 2024-12-05

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 012

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.949 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2024-12-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5652515.253 m
Easting 9435.578 m
Convergence 0 06 16.21 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Grnd Factor
21592 652+12.2	1204.071	1	26/2	0.999740
121731 652+8.6	1626.180	1	22/1	0.999741
53306 649+12.1	1691.087	1	23/2	0.999741
139592 652+8.7	2278.100	1	15/1	0.999740
239764 76A021	2415.340	1	14/1	0.999740
618090 618090	3157.183	1	11/1	0.999740

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
359 52 32.26	2.1	0.03
268 30 41.68	1.8	0.00
179 51 36.98	1.8	-0.04
314 50 14.93	1.3	0.04
0 23 30.38	1.2	0.06
300 42 45.56	1.0	0.03

GEOID DATA (GSD95) Updated: 17-03-20

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.1 s	2 s
Prime Vert Defl,ETA(+E)	3.2 s	2 s
Geoid_Ellip Separation	-16.44 m	1 m

MARKER TYPE

Updated: 1994-12-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
0.3 M EAST OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	75117	75117
Published	83-07-26	83-07-26
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1994-12-01

ON N.W. CORNER 50 AVENUE AND 116 STREET S.E.; IN
LINE WITH NORTH PROPERTY LINE 50 AVENUE; 3.0' EAST OF WEST PROPERTY
LINE 116 STREET.

NON COORDINATE REVISIONS

DATE	DESCRIPTION ENTERED
1975-10-20	FIRST MARKER LOCATION
2017-03-20	"MAPSHEET NAME" AND "MAPSHEET NO" CHANGED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2001-12-10	NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS

Inspected	Updated
1994-11-01	1994-12-01
1990-07-11	1991-01-04

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

NAME	DATE
OLD ASC # 56523 12	1
NGBD # 77X1042	
NGBD NAME 652+12.1	
HISTORY	56523 12 1

VERT

99-08-16 0.014 m ELEVATION REVISED AND REINTEGRATED