

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 16.85092 dms
Longitude 113 59 31.52719 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2021-11-15

ASCM 16865
Tablet Markings 655+4.265
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1068.269 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 08-08-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5655749.143 m
Easting 554.692 m
Convergence 0 00 22.14 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
2634 655+04.169	190.837	1	52/2	0.999734	89 57 25.40	4.2	0.00
51136 655+4.168	225.907	1	62/2	0.999738	188 48 55.88	4.2	0.00
169003 G43	346.954	1	49/2	0.999738	225 21 02.73	3.4	0.00
224725 2420.14	388.598	1	33/2	0.999736	68 42 01.94	2.8	0.00
250712 655+4.172	392.231	1	33/2	0.999737	155 54 35.03	2.6	0.00
140293 G39	436.633	1	37/2	0.999736	292 27 57.68	3.0	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.33 m 1 m

MARKER TYPE Updated: 1978-10-04
ASC CAP SET IN CONCRETE SIDEWALK
FLUSH W/CURB.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	78004	78004
Published	83-08-24	83-08-24
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		98014
Published		99-08-16
Revising Project		
Published		

MARKER LOCATION Updated: 1978-10-04
IN CURB IN SHOPPING PLAZA PARKING LOT; 56.7' W OF FIRE HYDRANT; 0.4' S OF FACE OF CURB N IN PARKING LOT.
STA IS ON CURB; E/S OF W ENTRANCE TO SHOPPING PLAZA (ENTRANCE JUST E OF EARLS PLACE RESTAURANT); 6.0M N OF B.O.W. N/S OF 17 AVE SE.
(LOCATION DESC REVISED AS OF 84 07 26)

NON COORDINATE REVISIONS

Date	Description
1978-10-04	FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

Marker Condition Comments	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2008-08-08	2008-11-28
MARKER REPORTED IN GOOD CONDITION	1989-04-17	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 265

VERT	Value	Description
99-10-21	0.010 m	REVISED ELEVATION-BETTER INTEGRATION
99-08-16	0.021 m	ELEVATION REVISED AND REINTEGRATED

HISTORY 655+04.265 56553 4 265