

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 12.45775 dms  
Longitude 113 55 57.15571 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 16279

Tablet Markings 655+8.95

Date Printed 2025-08-03  
Last Updated 2021-11-15

Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 008

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1064.588 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5657469.498 m  
Easting 4729.390 m  
Convergence 0 03 08.87 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
121699 655+8.96	100.998	1	99/2 0.999737	99 22 26.32	5.9	0.00
223214 655+8.83	126.152	1	111/2 0.999742	40 48 32.19	8.9	0.00
116699 655+8.98	160.018	1	81/2 0.999739	303 26 42.75	6.5	0.00
101329 655+8.82	198.403	1	71/2 0.999735	39 38 45.66	5.8	0.00
133835 655+8.51	303.999	1	43/2 0.999736	271 03 14.74	3.7	0.00
214403 655+8.56	307.097	1	46/2 0.999736	286 48 21.52	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-07-12

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 3.8 s 2 s  
Geoid\_Ellip Separation -16.43 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-07-12

Originating Project 79034 79034  
Published 83-08-18 83-08-18

LOCATED ON THE NORTH EAST CORNER OF ABBERFIELD WAY AND ABBERFIELD PLACE NORTH  
EAST; 0.6 M SOUTH WEST OF BACK OF WAY ON CURVE; 2.0 M EAST OF BACK OF WALK EAST  
PRODUCED SOUTH; 2.0 M NORTH OF THE NORTH BACK OF WALK PRODUCED WEST.

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

NON COORDINATE REVISIONS

1980-06-20 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.

1989-02-20 1989-07-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 8 95

99-08-16

0.035 m ELEVATION REVISED AND REINTEGRATED

HISTORY 655+08.95 56553 8 95