

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 59.06537 dms  
Longitude 113 58 54.21239 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 18770

Tablet Markings 652+4.33

Date Printed 2025-08-03  
Last Updated 2003-03-12

Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1063.040 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5655199.709 m  
Easting 1281.776 m  
Convergence 0 00 51.15 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
144006 652+4.131	204.171	1	39/1	0.999736	84 31 53.44	3.1	0.00
288746 652+4.32	249.643	1	48/2	0.999738	230 19 44.58	4.0	0.00
203315 652+4.59	351.583	1	28/1	0.999738	140 40 07.35	2.4	0.00
84749 250199	352.480	1	28/1	0.999736	0 08 44.46	2.3	0.00
27359 652+4.58	410.851	1	24/1	0.999736	89 35 59.75	1.9	0.00
277798 655+4.174	422.909	1	28/1	0.999737	277 55 43.32	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 4.4 s 2 s  
Geoid\_Ellip Separation -16.33 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 73120 73120  
Published 83-03-08 83-03-08

ON SW COR 23 AVENUE AND 36 STREET S.E.; 4.4 M SOUTH OF B.O.W. PROD. E.; 1.10  
M WEST OF F.O.W. PROD. N.; 15.5 M EAST OF WOODEN LT.S.

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

NON COORDINATE REVISIONS

1974-03-01 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

1992-04-24 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 33

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.33 56523 4 33