

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 58.22369 dms  
Longitude 113 58 11.33789 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 65-03  
Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 2253  
Tablet Markings 2520.30  
Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1065.460 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-09-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5657027.942 m  
Easting 2116.374 m  
Convergence 0 01 24.51 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
188219 655+4.313	174.968	1	91/2	0.999735	262 07 13.82	5.3	0.00
9274 2520.20	240.347	1	54/2	0.999738	180 36 45.33	2.7	0.00
134296 655+4.302	257.807	1	81/2	0.999736	251 51 00.14	6.7	0.00
182923 655+4.306	278.507	1	75/2	0.999735	295 42 10.79	5.7	0.00
299917 2520.31	301.906	1	43/2	0.999737	90 14 53.19	3.1	0.00
74211 2520.29	314.704	1	38/2	0.999734	359 37 45.85	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-27

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.38 m 1 m

ASC CAP ON REINFORCED CONCRETE CYLINDER  
20 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-27

Originating Project 68103 68103  
Published 70-10-15 70-10-15

ON NE COR OF 4 AVE AND 44 ST SE; 3.0 M N OF B.O.W. PROD W;  
4.3M E OF B.O.W. PROD S; 1.10M NE OF B.O.W. ON CURVE.

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-10-15 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 1991-09-17 1992-01-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 30

99-10-21

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04 30