

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 59.73314 dms
Longitude 113 58 21.84369 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 35535

Tablet Markings 652+4.130

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 1059.656 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 5655220.537 m
Easting 1912.425 m
Convergence 0 01 16.32 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

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)
51722 652+4.57	181.686	1	39/1 0.999735	95 34 13.05	3.1	0.00
27359 652+4.58	220.707	1	36/1 0.999738	265 19 52.24	2.8	0.00
26344 655+4.178	337.163	1	30/1 0.999736	13 56 33.43	2.4	0.00
242123 652+4.61	343.211	1	29/1 0.999735	199 28 33.44	2.4	0.00
46904 655+4.177	348.242	1	26/1 0.999737	356 52 23.02	2.2	0.00
78576 652+4.63	358.366	1	25/1 0.999735	145 09 35.70	2.0	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) 4.2 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

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

ON NE COR OF 42 STREET AND 23 AVENUE S.E.; 3.3 M EAST OF B.O.W. PROD. S.;
1.7 M NORTH OF B.O.W. PROD. W.; 7.6 M WEST OF WALL W/S OF HOUSE #2240-23
AVENUE PROD.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
MARKER REPORTED IN GOOD CONDITION.

1992-04-24 1993-02-02
1989-03-13 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 130

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.130 56523 4 130