

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 59.15436 dms
Longitude 113 58 33.13135 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 27359

Tablet Markings 652+4.58

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1060.808 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: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5655202.577 m
Easting 1692.508 m
Convergence 0 01 07.54 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	208.261	1	34/1	0.999736	274 34 06.84	2.9	0.00
35535 652+4.130	220.707	1	36/1	0.999738	85 19 52.24	2.8	0.00
175059 652+4.60	294.372	1	27/1	0.999736	176 10 29.42	2.4	0.00
242123 652+4.61	323.320	1	31/1	0.999736	160 56 49.57	2.5	0.00
203315 652+4.59	332.971	1	27/1	0.999738	214 22 35.57	2.4	0.00
51722 652+4.57	400.803	1	22/1	0.999737	89 57 10.64	1.9	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) 4.3 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
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 OF 40 STREET AND 23 AVENUE S.E.; 2.2 M WEST OF B.O.W. PROD. N.;
2.6 M SOUTH OF B.O.W. PROD. E.; 5.9 M SE OF CB.

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
1988-06-06 1988-07-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 58

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.58 56523 4 58