

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 30.93908 dms
Longitude 113 55 24.46206 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 78-03

ASCM 7351

Tablet Markings 652+8.26

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1046.544 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-01-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5652479.296 m
Easting 5371.282 m
Convergence 0 03 34.16 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
182964 652+8.4	803.862	1	14/1	0.999739	90 00 05.39	1.1	0.00
234401 270181	876.581	1	15/1	0.999739	289 21 58.20	1.2	0.00
232215 649+8.25	997.669	1	13/1	0.999739	180 12 12.49	1.1	-0.01
26500 649+8.3	1271.494	1	10/1	0.999740	141 27 43.63	0.8	-0.01
17467 652+8.22	1323.126	1	11/1	0.999739	321 01 24.62	0.9	0.01
168922 652+8.5	1413.150	1	10/1	0.999739	35 25 31.47	0.8	0.02

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 2002-05-29

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 3.6 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

FLUSH W/GRD, 35 CM E OF MP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1979-06-08

Originating Project 78028 78028
Published 83-08-16 83-08-16

S. SIDE 50 AVENUE & 76 STREET SE; IN LINE WITH
N-S 1/4 LINE; 25' N. OF CENTRE LINE OF RAILWAY TRACKS; 1.2' E. OF
MARKER POST.

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

NON COORDINATE REVISIONS

1979-06-08 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
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
MARKER REPORTED IN GOOD CONDITION

2002-01-22 2002-05-29
1992-06-03 1992-07-08
1989-11-28 1990-07-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 8 26

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+08.26 56523 8 26