

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 23.90218 dms
Longitude 113 55 19.66775 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 78-03

ASCM 61382

Tablet Markings 652+8.24

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 1051.991 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-06-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654115.916 m
Easting 5463.012 m
Convergence 0 03 37.93 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
994988 994988	710.315	1	15/1	0.999739	89 31 36.72	1.3	0.00
168922 652+8.5	874.521	1	14/1	0.999739	123 43 22.15	1.2	-0.01
17467 652+8.22	1106.339	1	12/1	0.999738	236 38 08.16	1.0	-0.01
618090 618090	1259.299	1	12/1	0.999739	89 28 53.22	1.0	0.00
234401 270181	1629.966	1	8/1	0.999739	214 18 31.97	0.7	-0.02
7351 652+8.26	1639.617	1	9/1	0.999739	183 12 28.74	0.8	-0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-07-10

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 3.6 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GRND, 1 GP

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1979-06-08

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

ON N SEC LINE SEC 1 (34 AVE SE); 3' S OF N SEC LINE SEC 1 (34 AVE
SE); APPROX 319' E OF N-S 1/4 LINE SEC 1 (76 ST SE); 1' S OF MP.

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

1992-06-03 1992-07-08
1990-05-10 1990-07-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 8 24

99-08-16

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+08.24 56523 8 24