

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 27.84117 dms
Longitude 113 56 48.13824 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 62489

Tablet Markings 652+4.121

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

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1046.292 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 11-07-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5652382.137 m
Easting 3740.185 m
Convergence 0 02 29.12 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)
155713 649+4.59	714.341	1	17/1	0.999740	179 50 10.22	1.4	-0.01
234401 270181	893.154	1	11/1	0.999738	64 15 41.97	0.9	0.00
324608 649+4.131	1300.104	1	12/1	0.999739	250 22 50.95	0.9	0.00
17467 652+8.22	1380.667	1	8/1	0.999739	35 22 24.87	0.7	0.01
528208 528208	1521.194	1	11/1	0.999739	326 33 48.08	0.9	0.01
7351 652+8.26	1634.415	1	8/1	0.999739	86 35 28.00	0.7	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 3.9 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

MARKER TYPE

Updated: 2011-08-31

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE
LANDSCAPED, 20 CM S OF GP.

COORDINATE HISTORY

Originating Project 73119 73119
Published 83-03-05 83-03-05

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

MARKER LOCATION

Updated: 2011-08-31

SE COR OF 51 AVE AND 57 ST SE; 2.4 M W OF E P/L OF 57 ST SE; ON S P/L
OF 51 AVE SE; 1.15 M N OF E-W OVERHEAD P/L; 4.5 M W OF C/L OF A N-S OVERHEAD P/L
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NOTE: STATION REVISED VERTICALLY TO 1977 GSC LEVEL RUN.

NON COORDINATE REVISIONS

1974-03-13 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2001-12-10 NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

Comments	Inspected	Updated
MARKE REPORTED IN GOOD CONDITION	2011-07-31	2011-08-31
MARKER REPORTED IN GOOD CONDITION	2005-12-19	2006-01-03
MARKER REPORTED IN GOOD CONDITION	1999-07-13	2001-08-21
MARKER REPORTED IN GOOD CONDITION.	1992-07-13	1992-09-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56523 4 121 NGDB # 77X1039
NGDB NAME 652+4.121
HISTORY 652+04.121 56523 4 121

VERT

99-08-16 0.011 m ELEVATION REVISED AND REINTEGRATED