

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 10.87197 dms  
Longitude 113 51 55.98886 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 21592

Tablet Markings 652+12.2

Date Printed 2025-08-03  
Last Updated 2024-12-05

Mapsheet Name CALGARY B  
Mapsheet Number 5652 + 012

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1048.070 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-07-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2024-12-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5653719.008 m  
Easting 9432.965 m  
Convergence 0 06 16.25 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
67306 652+12.1	1204.071	1	26/2	0.999740 179 52 32.26	2.1	-0.03
239764 76A021	1211.367	1	12/1	0.999740 0 54 17.31	1.1	0.03
139592 652+8.7	1662.208	1	14/1	0.999740 284 00 11.81	1.1	0.01
121731 652+8.6	2046.333	1	15/1	0.999740 232 28 46.29	1.3	-0.03
618090 618090	2742.325	1	9/1	0.999739 278 33 53.28	0.8	0.01
53306 649+12.1	2895.159	1	15/1	0.999740 179 51 59.97	1.0	-0.07

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1996-02-26

Meridian Defl,XI(+N) 3.1 s 2 s  
Prime Vert Defl,ETA(+E) 3.2 s 2 s  
Geoid\_Ellip Separation -16.45 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
22 CM BGL, 39 CM SOUTH OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1996-02-26

Originating Project 75117 75117  
Published 83-07-26 83-07-26  
  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

LOCATED ALONG THE EAST BDY OF THE NE 1/4 5-24-28-4; ON THE WEST SIDE OF  
116 ST. SOUTH OF 34 AVE S.E. 9.9 M WEST OF THE C/L OF A N-S GRAVEL ROAD;  
1.2 KM SOUTH OF HWY 1A; 0.9 M EAST OF A N-S FENCE LINE; 10.2 M SOUTH OF  
THE C/L OF AN APPROACH ON THE EAST SIDE OF ROAD; 47.6 M NORTH OF THE C/L  
OF THE SECOND APPROACH ON THE EAST SIDE OF THE ROAD.  
REF BY FD I NE 5-24-28-4 AS FOLLOWS:  
NE 5 DIST 404.670 AZ 359-55-28

NON COORDINATE REVISIONS

1975-10-20 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

MARKER FOUND IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

1991-07-10 1996-02-26  
1990-07-11 1991-01-04

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 12 2 NGDB # 77X1043  
NGDB NAME 652+12.2  
HISTORY 56523 12 2

99-08-16 0.017 m ELEVATION REVISED AND REINTEGRATED