

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 38.13502 dms
Longitude 113 59 20.79736 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 37341
Tablet Markings 652+4.109
Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1045.866 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5652698.913 m
Easting 764.176 m
Convergence 0 00 30.47 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) |
|-------------------------|-------------------------|--------------|-----------|------------------|--------------------|-------------|--------------|
| 404897 652+4.194 | 215.038 | 1 | 51/2 | 0.999738 | 177 00 03.13 | 3.7 | 0.00 |
| 20834 652+4.115 | 437.253 | 1 | 27/1 | 0.999739 | 181 36 15.76 | 1.9 | 0.00 |
| 223388 250180 | 569.438 | 1 | 18/1 | 0.999739 | 112 11 43.24 | 1.5 | 0.00 |
| 224337 652+4.98 | 657.347 | 1 | 12/1 | 0.999738 | 24 42 23.21 | 1.0 | 0.00 |
| 371351 652+4.196 | 695.394 | 1 | 17/1 | 0.999739 | 232 25 47.01 | 1.5 | 0.00 |
| 187039 652+4.161 | 701.590 | 1 | 14/1 | 0.999738 | 131 04 25.79 | 1.2 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-13

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10.0 CM AGL., LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-29

Originating Project 73120 73120
Published 83-03-08 83-03-08
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

ON W/S OF ROAD IN FROM OF BUILDING AT 4859-30 ST SE;
1.83 M W OF F.O.C.;
4.20 M N OF S WALL OF BUILDING PROD. E;
6.40 M N OF STEEL FENCE S/S OF BUILDING PROD. E;
6.10 M NW OF CB.

NON COORDINATE REVISIONS

1974-03-01 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 CONDITION COMMENTS | Inspected | Updated |
|------------------------------------|------------|------------|
| MARKER REPORTED IN GOOD CONDITION | 1995-10-16 | 2001-08-29 |
| MARKER REPORTED IN GOOD CONDITION | 1992-08-08 | 1992-09-21 |
| MARKER REPORTED IN GOOD CONDITION | 1990-09-12 | 1991-03-13 |
| MARKER REPORTED IN GOOD CONDITION. | 1988-10-20 | 1989-01-12 |

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 109

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.109 56523 4 109