

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 45.31486 dms
Longitude 114 09 09.62371 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 53033
Tablet Markings 652-8.93
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1139.550 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5652931.803 m
Easting -10713.334 m
Convergence -0 07 07.21 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
38562 652-8.94	129.603	1 62/2	0.999727	352 55 24.69	4.7	0.00
30403 652-8.95	172.286	1 46/2	0.999729	96 36 49.80	4.0	0.00
30031 652-8.92	175.642	1 51/2	0.999725	261 22 08.83	4.0	0.00
112177 652-8.96	257.900	1 47/2	0.999726	39 34 40.10	3.8	-0.01
242701 652-8.91	279.846	1 39/2	0.999725	267 42 56.55	3.1	0.00
210864 652-8.97	305.083	1 36/2	0.999726	90 50 13.61	2.9	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-11-22

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL

COORDINATE HISTORY

HORZ

VERT

Originating Project 72108 72108
Published 83-02-03 83-02-03

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-11-22

ON NE CORNER OF 46 AVE. AND 45 ST. SW.; 0.35 M. NE OF B.O.W. ON CURVE;
2.0 M. E OF B.O.W. ON E/S OF 46 ST. PROD. S.; 3.65 M. N OF B.O.W. ON N/S
OF 46 AVE. PROD. W.; 4.3 M. S OF LT. ST.

NON COORDINATE REVISIONS

1973-04-26 FIRST MARKER LOCATION
DESCRIPTION ENTERED
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

1993-01-25 1993-06-11
1991-04-22 1991-11-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 93

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.93 56524 8 93