

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 59.16027 dms
Longitude 113 58 12.56541 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 51722

Tablet Markings 652+4.57

Date Printed 2025-08-03
Last Updated 2023-03-30

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1058.247 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-03-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5655202.906 m
Easting 2093.205 m
Convergence 0 01 23.53 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
35535 652+4.130	181.686	1	39/1	0.999735	275 34	13.05	3.1	0.00
78576 652+4.63	277.524	1	29/1	0.999736	175 03	33.01	2.3	0.00
224832 652+4.129	300.790	1	27/1	0.999737	86 27	37.02	2.1	0.00
26344 655+4.178	358.957	1	28/1	0.999735	343 53	33.44	2.2	0.00
27359 652+4.58	400.803	1	22/1	0.999737	269 57	10.64	1.9	0.00
46904 655+4.177	416.433	1	24/1	0.999737	331 19	28.94	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-02-02

Originating Project 73120 73120
Published 83-03-08 83-03-08

ON SW COR OF 44 ST AND 23 AVE SE; 3.4 M W OF F.O.W. PROD N; 4.2 M S OF F.O.C.
PROD E; 6.4 M SE OF CB.

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

NON COORDINATE REVISIONS

1974-03-01 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

1992-04-24 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 57

99-08-16

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.57 56523 4 57