

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 23.99341 dms
Longitude 113 59 21.42850 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 20834

Tablet Markings 652+4.115

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1983-03-05
Elevation 1044.462 m
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 04-10-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5652261.946 m
Easting 751.937 m
Convergence 0 00 29.98 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
45567 649+4.23	177.959	1	62/2 0.999739	188 18 57.65	3.9	0.00
404897 652+4.194	223.576	1	72/2 0.999739	6 01 54.20	4.9	0.00
266817 652+4.116	259.315	1	39/2 0.999737	93 07 58.93	2.8	0.00
39909 649+4.24	316.930	1	41/2 0.999739	249 39 44.93	3.2	0.00
37341 652+4.109	437.253	1	27/1 0.999739	1 36 15.76	1.9	0.00
38158 649+4.86	473.182	1	27/1 0.999738	162 41 54.27	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2004-12-03

Meridian Defl, XI(+N) 3.1 s 2 s
Prime Vert Defl, ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2004-12-03

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

ON E/S OF 30 STREET AT HYDRO POWER LINE R.O.W. JUST NORTH OF 54 AVENUE S.E.;
12.4 M EAST OF F.O.C. PROD. N.; 7.0 M NORTH OF C/L OF E-W HYDRO POWER LINE
STEEL TOWERS; 14.6 M NE OF CB; NEAR FINISHED CUL-DE-SAC 0.3 M NW OF F.O.C.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1974-03-13 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 REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2004-10-13 2004-12-03
1992-07-13 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 115

HISTORY 652+04.115 56523 4 115