

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 06.42347 dms
Longitude 114 01 23.86920 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 14423

Tablet Markings 646-0.122

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1017.924 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5648011.357 m
Easting -1636.341 m
Convergence -0 01 05.15 dms
Station Ellipsoid Factor 0.999843
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
297242 646+00.121	190.586	1	68/2	0.999747	165 17 49.19	3.6	0.00
208249 646+00.120	337.597	1	39/2	0.999742	261 56 42.67	2.4	0.00
150441 646-0.45	545.189	1	24/1	0.999744	201 32 43.08	2.0	0.00
292631 228154	574.862	1	26/1	0.999742	291 27 42.24	1.9	0.00
329243 329243	675.795	1	21/1	0.999742	350 04 24.78	1.7	0.00
12435 646-0.144	744.843	1	16/1	0.999743	47 14 52.87	1.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
80 CM BGL, MANHOLE, 0.50 M WEST OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 72113 72113
Published 72-11-20 72-11-20

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

ON THE WEST SIDE OF CARBURN PARK NEAR THE EAST BANK OF BOW RIVER AND SOUTH OF
THE ERIC HARVEY BIKE PATH BRIDGE; 211.60 M SOUTH OF THE SOUTH SIDE OF A GAZEBO
WHICH IS JUST EAST OF BIKE BRIDGE; 23.50 M NNE OF THE NE CORNER OF STORMWATER
OUTFLOW NO. B2; 2.20 M EAST OF EAST SIDE OF ASPHALT BIKE PATH.

NON COORDINATE REVISIONS

1972-11-28 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 - CAP EFFACED	1993-03-30	1993-07-07
MARKER REPORTED IN GOOD CONDITION	1993-02-17	1993-03-30
MARKER REPORTED IN GOOD CONDITION	1991-09-19	1991-10-28
MARKER REPORTED IN GOOD CONDITION.	1989-08-24	1989-10-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 122

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.122 56464 0 122