

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 20.00027 dms
Longitude 114 03 11.75929 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 8839
Tablet Markings 646-0.96
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1047.048 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-03-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5648431.959 m
Easting -3741.040 m
Convergence -0 02 28.97 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

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)
252130 646-0.93	184.453	1	49/2	0.999740	353 07 24.39	3.6	0.00	
88609 646-0.98	231.111	1	56/2	0.999739	220 42 27.04	4.8	0.00	
173914 646-0.92	308.272	1	42/2	0.999738	342 08 57.74	2.7	0.00	
199240 646-0.89	436.523	1	27/1	0.999739	18 11 12.78	2.4	0.00	
37036 646-0.91	439.331	1	30/2	0.999740	335 54 13.06	2.4	0.00	
93062 646+00.101	456.863	1	28/1	0.999738	131 51 14.76	2.3	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

Originating Project 72114 72114
Published 83-03-03 83-03-03

IN BLVD ON THE NE CORNER OF ACADIA DRIVE AND ANCOURT ROAD S.E.; 3.85 M EAST OF
B.O.W. PRODUCED SOUTH; 0.35 M NORTH OF F.O.C. ON CURVE; 9.10 M SE OF CB.

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

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
MARKER REPORTED IN GOOD CONDITION

1995-03-02 1995-06-19
1993-03-03 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 96

99-08-16

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.96 56464 0 96