

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 39.54893 dms
Longitude 114 02 53.85716 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 51698
Tablet Markings 646-0.87
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1048.242 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5649035.755 m
Easting -3391.391 m
Convergence -0 02 15.07 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
205260 646-0.86	121.763	1	57/2	0.999732	329 30 38.90	3.3	0.00
124537 646+00.88	204.265	1	39/1	0.999740	185 15 49.96	2.6	0.00
172734 646+00.117	233.727	1	34/1	0.999737	146 50 25.19	2.6	0.00
46078 646-0.85	254.396	1	39/2	0.999739	272 24 53.39	3.2	0.00
199240 646-0.89	285.290	1	35/2	0.999740	228 26 48.26	2.9	0.00
8755 76A013	355.909	1	31/1	0.999736	330 15 35.68	2.5	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

MARKER TYPE

Updated: 1993-07-07

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL, LANDSCAPED, 0.40 M SW OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	72114	72114
Published	83-03-03	83-03-03
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-07-07

NEAR THE NE SIDE OF PARK AREA THAT SITS BETWEEN BLACKFOOT TRAIL AND THE LANE BEHIND ADDISON DRIVE S.E.; 1.90 M SW OF THE SW P/L STEEL FENCE OF BLACKFOOT TRAIL; 17.0 M EAST OF THE C/L OF A N-S POWER LINE; 3.10 M NW OF THE NW P/L CABLE FENCE OF LANE PRODUCED NE.

NON COORDINATE REVISIONS

Date	Description
1972-11-28	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

1993-03-31 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 0 87

VERT

99-08-16

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.87 56464 0 87