

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 55.39880 dms
Longitude 113 59 34.70277 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-06

ASCM 2477

Tablet Markings 649+4.123

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY C
Mapsheet Number 5649 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.363 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-12-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5651378.364 m
Easting 493.244 m
Convergence 0 00 19.66 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
118026 649+4.124	195.958	1 82/2	0.999739	85 27 32.86	4.1	0.00
57208 649+4.29	197.301	1 81/2	0.999740	52 12 32.72	6.8	0.00
124123 649+4.73	332.963	1 51/2	0.999740	44 33 38.25	4.1	0.00
65607 649+4.121	358.073	1 39/2	0.999741	182 23 54.42	3.1	0.00
215574 649+4.72	413.193	1 41/2	0.999740	77 10 26.58	3.2	0.00
243139 649+4.125	447.122	1 40/2	0.999738	89 56 12.97	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-02-09

Meridian Defl, XI(+N) 3.1 s 2 s
Prime Vert Defl, ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1984-02-09

Originating Project 83026 83026
Published 84-02-17 84-02-17

ON 61 AVE SE AND W/S OF BRIDGE OVER CANAL. 0.08M N OF F.O.C. N/S 61
AVE SE; 9.37M W OF W EDGE OF BRIDGE HAND RAIL; 197M E OF F.O.C. E OF
OGDENDALE RD PROD E.

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

NON COORDINATE REVISIONS

1984-02-09 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

1995-12-12 1996-10-03
1990-12-17 1991-06-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56493 4 123

99-08-16

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56493 4 123