

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 49.52734 dms
Longitude 113 56 26.45135 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 82-11
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 66076
Tablet Markings 661+8.59
Mapsheet Name CALGARY B
Mapsheet Number 5664 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1099.526 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-06-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5664176.382 m
Easting 4153.455 m
Convergence 0 02 46.22 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

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)
125625 661+8.58	152.459	1	46/1	0.999730	175 28 22.99	2.7	0.00
588509 588509	169.763	1	53/2	0.999734	278 25 00.31	3.6	0.00
155325 661+8.49	365.928	1	22/1	0.999731	177 33 45.87	1.8	0.00
611327 611327	382.539	1	24/1	0.999730	83 09 17.55	2.0	0.00
774463 774463	459.556	1	22/1	0.999732	276 47 34.36	1.9	0.00
26898 661+8.28	461.485	1	20/1	0.999729	120 14 01.85	1.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-23

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.51 m 1 m

ASC BRASS TABLET ON 7 X 305CM PIPE WITH HELIX.
10 CM BGL, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-22

	HORZ	VERT
Originating Project	82047	82047
Published	85-01-23	85-01-23
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

LOCATED ON THE SOUTH WEST CORNER OF INTERSECTION OF TARADALE DRIVE AND
TARARIDGE DRIVE NORTH EAST; AT THE INTERSECTION OF BACK OF SEPERATE WALK'S;
15.0 CM SOUTH OF BACK OF SEPERATE WALK; 20.0 CM WEST OF BACK OF SEPERATE WALK;
1.2 M SOUTH WEST OF BACK OF ROLLED CURB ON CURVE; 5.32 M NORTH NORTH WEST
OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1985-01-23 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	1991-06-13	1991-10-23
MARKER REPORTED IN GOOD CONDITION	1991-02-05	1991-04-03
MARKER REPORTED IN GOOD CONDITION.	1989-11-29	1990-04-11
MARKER REPORTED IN GOOD CONDITION.	1989-07-10	1989-08-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 8 59

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 8 59