

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 18.01535 dms
Longitude 114 06 04.25608 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 51060

Tablet Markings 661-4.57

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1105.533 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661351.881 m
Easting -7088.553 m
Convergence -0 04 43.43 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
147470 661-4.58	134.759	1 59/2	0.999730	1 25 40.20	4.9	0.00
136119 658-4.203	180.965	1 55/2	0.999729	143 50 57.86	4.8	0.00
6056 658-4.201	202.543	1 49/2	0.999731	175 40 09.98	3.8	0.00
17020 658-4.204	239.774	1 50/2	0.999729	122 40 35.98	4.0	0.00
291724 661-4.56	252.757	1 40/2	0.999732	292 07 38.91	3.4	0.00
61044 658-4.245	275.046	1 44/2	0.999731	160 37 20.23	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-20

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

Originating Project	71103	71103
Published	84-01-07	84-01-07
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1994-01-21

ON SW OF CAPRI AVE. AND CALANDAR RD. NW; 0.80 M S OF B.O.W. PROD. E;
2.7 M W OF B.O.W. PROD N; 0.60 M SW OF B.O.W.ON CURVE; 5.0 M SE OF CB. .
LOCATED ON THE SOUTH WEST CORNER OF CAPRI AVENUE AND CALANDAR ROAD; 12.0' WEST
OF FACE OF CURB ON THE WEST SIDE OF CALANDAR ROAD; 10.0' SOUTH OF FACE OF CURB
ON THE SOUTH SIDE OF CAPRI AVENUE; HOUSE #1 - CAPRI AVENUE.

NON COORDINATE REVISIONS

1971-12-20	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

1993-07-14 1994-01-21
1988-11-04 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 57

VERT

00-06-15

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.57 56614 4 57