

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 02.90097 dms
Longitude 114 07 24.63574 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 16469
Tablet Markings 661-8.108
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1153.746 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5662741.220 m
Easting -8650.443 m
Convergence -0 05 46.04 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999723

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)
55228 1824.26	187.348	1	43/2	0.999722	131 11 30.67	3.5	0.00
188862 661-8.111	196.673	1	61/2	0.999724	176 53 02.12	4.9	0.00
34926 1824.1	213.637	1	37/1	0.999719	64 47 25.47	3.2	0.00
262139 661-8.112	254.452	1	51/2	0.999724	193 47 09.38	4.4	0.01
126813 661-8.113	320.249	1	43/2	0.999725	213 50 10.82	3.5	0.01
206292 190244	407.761	1	39/2	0.999720	74 16 09.80	2.2	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

MARKER TYPE Updated: 1991-03-15
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND. 0.33M SOUTH OF M.P.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71105	71105
Published	71-10-21	71-10-21
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION Updated: 1991-03-15
LOCATED ON SOUTH SIDE OF JOHN LAURIE BLVD.;
IN JOHN LAURIE BLVD PARKWAY BETWEEN BRISEBOIS DR. & CHARLES WOOD DRIVE N.W.;
4.0M SOUTH OF E-W FROST FENCE;
6.2M EAST OF 4TH LIGHT STANDARD EAST OF BRISEBOIS DRIVE;
14.0M NORTH OF E-W POLE LINE.

NON COORDINATE REVISIONS

1971-12-10 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	1993-07-08	1993-11-18
MARKER REPORTED IN GOOD CONDITION	1990-08-23	1991-03-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 108

VERT 00-06-15 0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.108 661-08 108