

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 22.59145 dms  
Longitude 114 18 13.81754 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 14373

Tablet Markings 661-20.1

Date Printed 2025-08-03  
Last Updated 2004-05-28

Mapsheet Name CALGARY K  
Mapsheet Number 5661 - 020

Vert Datum CVD28 Updated: 1999-06-21  
Elevation 1174.362 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 02-04-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-05-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5661532.327 m  
Easting -21285.477 m  
Convergence -0 14 11.13 dms  
Station Ellipsoid Factor 0.999819  
Station Combined Factor 0.999724

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)
205948 658-20.1	1100.097	1	29/2	0.999721	146 40 20.24	2.3	0.05
887877 887877	1628.336	1	22/1	0.999723	85 00 07.20	1.8	-0.01
44651 658-16.11	1749.826	1	20/1	0.999720	121 47 55.57	1.7	0.05
871947 871947	1756.010	1	20/1	0.999721	112 20 53.00	1.7	0.04
49437 661-16.2	2210.614	1	16/1	0.999725	67 24 57.69	1.2	-0.04
239921 661-16.1	2834.151	1	13/1	0.999727	34 55 57.03	1.0	-0.12

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 7.7 s 2 s  
Geoid\_Ellip Separation -15.72 m 1 m

MARKER TYPE

Updated: 2002-04-30

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL, LANDSCAPED.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	75119	75119
Published	83-08-17	83-08-17
Revising Project	NAD83	99101
Published	94-05-24	99-06-21
Revising Project		90047
Published		91-06-04
Revising Project		
Published		

MARKER LOCATION

Updated: 1975-10-07

ON EAST SIDE 149 STREET NORTH OF TRANS CANADA  
HIGHWAY; 3' EAST OF EAST PROPERTY LINE 149 STREET; 260' NORTH OF  
NORTH PROPERTY LINE TRANS CANADA HIGHWAY; IN ISLAND WHERE 149  
STREET NORTH BOUND CUTS OFF FOR WEST BOUND.  
18CM W OF MP.

NON COORDINATE REVISIONS

1975-10-07 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	2002-04-15	2002-04-30
MARKER REPORTED IN GOOD CONDITION	1995-08-28	1995-11-02
MARKER REPORTED IN GOOD CONDITION	1990-07-31	1991-01-04
MARKER REPORTED IN GOOD CONDITION.	1990-05-16	1990-05-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 20 1

VERT

99-06-21 0.041 m ELEVATION REVISED-INTEGRATED INTO CCS DBM NET  
91-06-04 -0.679 m PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL

HISTORY 56614 20 1