

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 36.41379 dms  
Longitude 113 58 53.41969 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 4804

Tablet Markings 661+4.44

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY B  
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1088.096 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-01-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663769.665 m  
Easting 1295.068 m  
Convergence 0 00 51.82 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

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)
273623 661+04.42	488.568	1	33/2	0.999733	47 49 20.06	2.7	0.00
118901 DOT702339	755.502	1	21/1	0.999733	262 08 53.38	1.8	0.00
49221 664+04.22	899.864	1	18/1	0.999732	358 43 36.33	1.4	0.00
60905 664+04.23	947.595	1	18/1	0.999732	23 35 49.35	1.4	0.00
13060 DOT702338	977.576	1	17/1	0.999733	207 35 06.45	1.4	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.6 s	2 s
Prime Vert Defl,ETA(+E)	4.7 s	2 s
Geoid_Ellip Separation	-16.44 m	1 m

MARKER TYPE

Updated: 1995-05-15

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
5 CM BGL, 0.2 M EAST OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	73125 83-05-03	73125 83-05-03
Revising Project Published	NAD83 94-05-24	98015 99-10-21
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2020-01-08

ON EAST SIDE OF ROAD AT ENTRANCE DRIVE WAY TO COMMERCIAL BUILDING AT NO.6424 - 3  
6 STREET NE; 0.8 M WEST OF EAST PROPERTY LINE FENCE PRODUCED SOUTH; 1.3 M SOUTH  
WEST OF CORNER; 2.4 M S OF S FACE GREY TELUS; 2.2 M W OF W FACE OF TRANSFORMER  
BASE; 7.9 M N OF SINGLE POWER POLE.

NON COORDINATE REVISIONS

Date	Description
1974-04-25	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
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MARKER REPORTED IN GOOD CONDITION	2019-01-02	2020-01-08
MARKER REPORTED IN GOOD CONDITION	1994-11-01	1994-12-01
MARKER REPORTED IN GOOD CONDITION	1994-10-28	1995-01-09
MARKER REPORTED IN GOOD CONDITION	1994-03-08	1995-05-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 4 44

VERT

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+04.44 56613 4 44