

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 22.40302 dms
Longitude 113 57 05.73031 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 57786

Tablet Markings 661+4.80

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 1090.482 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661483.703 m
Easting 3391.261 m
Convergence 0 02 15.60 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
244095 661+4.75	193.827	1	67/2 0.999729	170 26 25.30	5.6	0.00
122697 661+4.79	260.722	1	35/1 0.999733	345 05 00.47	2.5	0.00
262691 661+4.77	306.290	1	49/2 0.999733	292 36 10.79	4.1	0.00
289512 661+4.78	341.379	1	35/2 0.999733	304 40 20.75	2.9	0.00
233171 658+4.328	357.807	1	39/2 0.999732	211 35 43.45	2.8	0.00
66852 661+4.91	369.798	1	32/2 0.999733	119 02 07.32	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-10

Originating Project 77045 77045
Published 82-03-01 82-03-01

LOCATED ON THE SOUTH EAST CORNER OF 55 STREET AND TEMPLERIDGE WAY NORTH
EAST; 0.05 M SOUTH OF BACK OF WALK ON CURVE; 1.2 M EAST OF EAST BACK OF
WALK PRODUCED NORTH; 1.2 M SOUTH OF THE SOUTH BACK OF WALK PRODUCED WEST.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-03-01 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.

1994-02-14 1995-02-03
1988-10-19 1988-11-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56613 4 80

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56613 4 80