

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 23.26177 dms
Longitude 113 57 45.70571 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 9613
Tablet Markings 661+4.51
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1100.837 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661509.786 m
Easting 2613.333 m
Convergence 0 01 44.50 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

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)
60673 661+4.52	165.723	1	60/2	0.999731	6 25 53.96	3.8	0.00
15388 661+4.48	195.358	1	67/2	0.999732	179 48 06.07	4.4	0.00
232223 661+4.166	328.959	1	40/2	0.999730	59 20 46.44	3.2	0.00
98434 661+4.55	357.627	1	36/2	0.999729	323 41 59.57	3.0	0.00
79152 661+4.63	402.808	1	32/2	0.999731	20 04 29.58	2.6	0.00
76943 661+4.138	415.386	1	36/2	0.999732	130 23 00.74	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-18

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.44 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-11

Originating Project 78006 78006
Published 83-07-27 83-07-27

ON SOUTH WEST CORNER OF WHITERIDGE ROAD AT 49 STREET NE; 1.9 M SOUTH OF BACK OF WALK PRODUCED WEST; 3.7 M WEST OF BACK OF WALK PRODUCED NORTH; 0.05 M SOUTH WEST OF BACK OF WALK ON CURVE.

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

NON COORDINATE REVISIONS

1978-12-18 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.

1994-02-22 1995-05-11
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 51

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+04.51 56613 4 51