

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 55.86290 dms
Longitude 114 09 25.51510 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 6205
Tablet Markings 661-8.130
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1117.587 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662528.227 m
Easting -11002.629 m
Convergence -0 07 20.10 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
193334 661-8.131	122.930	1	89/2	0.999732	49 29 05.90	4.9	0.00
45674 661-8.136	171.114	1	58/2	0.999729	284 38 17.18	4.4	0.00
385229 661-8.254	246.685	1	57/2	0.999732	42 56 41.15	3.6	-0.01
37135 661-8.134	250.863	1	52/2	0.999727	338 06 20.77	4.3	-0.01
120071 661-8.135	259.568	1	54/2	0.999729	323 18 57.01	4.7	-0.01
247155 1724.9	262.445	1	46/2	0.999731	132 22 21.02	3.9	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) 6.7 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1993-11-26

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

HORZ

VERT

Originating Project 74111 74111
Published 83-04-28 83-04-28
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1974-08-20

ON THE NW COR OF VANSTONE RD AT 48 ST NW; 1.7 M N OF B.O.W. PRODUCED E;
0.5 M W OF B.O.W. PRODUCED S; 0.6 M NW OF F.O.C. ON CURVE; 4.6 M SW OF CB.
NOTE: ELEVATION REVISED IN NOV. '82 - REVISION PROJECT 81047.

NON COORDINATE REVISIONS

1974-08-20 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

1993-06-17 1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 130

VERT

00-06-15

0.041 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.130 56614 8 130