

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 44.45062 dms
Longitude 114 01 53.55553 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2006-06-23

ASCM 68064
Tablet Markings F15
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1071.114 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-01-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5658456.371 m
Easting -2211.070 m
Convergence -0 01 28.33 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
219238 2221.33	198.106	1 151/3	0.999732	295 39 45.40	10.4	0.00
100958 F17	230.693	1 82/2	0.999735	348 14 26.37	3.1	0.00
189167 F13	259.169	1 73/2	0.999734	168 12 52.01	3.0	0.00
107912 2221.30	296.774	1 77/2	0.999736	178 35 23.09	5.7	0.00
38067 2221.29	301.683	1 73/2	0.999733	191 27 00.73	6.0	0.00
249763 2221.34	305.306	1 98/3	0.999733	327 30 28.61	6.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-23

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.30 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
LANDSCAPED, FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-23

Originating Project 69111 69111
Published 70-10-19 70-10-19

IN GRADY AREA SE OF RADFORD RD NE AND RUSSEL RD NE; 13.0 M E OF E/EDGE OF ASPHALT PATH; 15.0 M S OF S/EDGE OF CONDO COMPLEX PROD E.

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

NON COORDINATE REVISIONS

1970-10-19 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	2006-01-20	2006-06-23
MARKER REPORTED IN GOOD CONDITION	1993-04-20	1993-08-10
MARKER REPORTED IN GOOD CONDITION	1988-05-04	1988-07-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 45

99-10-21

0.038 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00 45