

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 34.97909 dms
Longitude 114 01 37.40087 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-05
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 36434
Tablet Markings 658-0.190
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1068.522 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-04-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660017.554 m
Easting -1895.944 m
Convergence -0 01 15.78 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
250670 658-0.184	209.777	1	43/2	0.999735	135 22 36.14	3.4	0.00
132423 F28	300.384	1	33/1	0.999736	235 46 37.03	2.9	0.00
293563 230224	314.888	1	35/2	0.999734	156 03 05.33	2.8	0.00
265439 658-0.182	357.169	1	39/2	0.999733	81 47 44.25	3.0	0.00
289983 658-0.185	394.923	1	28/1	0.999732	113 53 23.61	2.4	0.00
202952 658-0.188	413.697	1	27/1	0.999736	327 12 58.04	2.3	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.33 m 1 m

MARKER TYPE Updated: 1988-07-21
ASC CAP SET IN CONCRETE CURB
FLUSH WITH GROUND.

COORDINATE HISTORY

Originating Project 81023 81023
Published 82-06-16 82-06-16
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1988-07-21
LOCATED ON 11 STREET NORTH EAST; 0.10 M SOUTH WEST OF FACE OF CURB ON CURVE;
1.4 M NORTH EAST OF FACE OF CURB ON CURVE PRODUCED SOUTH EAST; 9.7 M NORTH
WEST OF FACE OF CURB PRODUCED WEST.

NON COORDINATE REVISIONS

1982-06-15 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 1993-04-28 1993-08-10
MARKER REPORTED IN GOOD CONDITION. 1988-03-10 1988-07-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 0 190

VERT 99-10-21 0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 190