

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 30.37571 dms
Longitude 114 09 03.89293 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 12948
Tablet Markings 664-8.93
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1196.017 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5665447.772 m
Easting -10575.955 m
Convergence -0 07 03.43 dms
Station Ellipsoid Factor 0.999815
Station Combined Factor 0.999717

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)
133413 664-8.115	211.081	1	33/1 0.999716	91 44 25.50	2.6	0.00
33217 664-8.94	233.906	1	47/2 0.999715	268 05 59.11	3.4	0.00
294900 664-8.117	275.994	1	43/2 0.999715	159 01 48.95	3.4	0.01
107011 664-8.95	334.739	1	36/2 0.999717	270 03 48.67	2.5	0.00
345744 345744	415.734	1	24/1 0.999715	27 08 19.21	2.0	-0.01
407759 407759	422.719	1	26/1 0.999713	6 05 22.23	2.1	-0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.2 s 2 s
Prime Vert Defl, ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

MARKER TYPE

Updated: 1983-05-09

ASC CAP SET IN CONCRETE CURB

COORDINATE HISTORY

HORZ VERT

Originating Project 81041 81041
Published 83-05-12 83-05-12

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 89043 87074
Published 90-12-06 89-08-08
Revising Project
Published

MARKER LOCATION

Updated: 1994-02-03

ON SW COR. OF EDMONTON BLVD. AT EDGE PARK BLVD. NW; 0.05 M W OF F.O.C.;
10.12 M S OF B.OF SEP.W PROD. E; 12.3 M SE OF LT.S. .

NON COORDINATE REVISIONS

1983-05-09 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1990-04-05 'VERT CLASS' CHANGED FROM
"PRELIMINARY, SPIRIT LEVELS"

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	1993-12-06	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1989-11-06	1990-07-10
MARKER REPORTED IN GOOD CONDITION.	1989-08-02	1989-09-22
MARKER REPORTED IN GOOD CONDITION	1988-03-18	1988-07-14

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 93

HISTORY 56644 8 93

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

90-12-06 80 25 11 0.020 m MOVEMENT DETECTED

VERT

00-06-15 0.007 m REVISED ELEVATION-BETTER INTEGRATION
89-08-08 0.022 m REVISED ELEV. FROM SUSPECTED MARKER MOVEMENT