

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 51.58143 dms  
Longitude 114 05 40.40637 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05

ASCM 57265

Tablet Markings 200218

Date Printed 2025-08-03  
Last Updated 2016-05-27

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1090.078 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-04-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-05-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5658680.491 m  
Easting -6627.858 m  
Convergence -0 04 24.79 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

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)
75838 658-4.262	308.961	1	36/2	0.999732	352 22 56.06	2.7	-0.01
132647 658-4.69	360.659	1	61/2	0.999734	254 35 15.27	4.9	0.00
269282 658-4.83	568.403	1	23/1	0.999732	331 22 38.86	1.9	-0.01
104638 658-4.144	606.256	1	18/1	0.999732	34 34 00.87	1.5	-0.01
56242 655-4.201	635.071	1	20/1	0.999736	147 47 13.41	1.7	0.01
41814 658-4.93	723.041	1	17/1	0.999732	346 01 25.45	1.4	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.18 m 1 m

MARKER TYPE

Updated: 1994-04-13

TSC BRASS TABLET SET IN SIDEWALK ON OVERPASS BRIDGE.  
FLUSH WITH GROUND.

COORDINATE HISTORY

Originating Project 63004 63004  
Published 70-01-18 70-01-18

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 98015  
Published 99-10-21  
Revising Project  
Published

MARKER LOCATION

Updated: 1988-07-21

IN CONC. SIDEWALK ON THE S/S OF THE 14 AVE. OVERPASS AT 14 ST. NW;  
32.40 M W OF THE E END OF IORN RAIL; 11.0 M E OF C/L FL. LOOKING  
DOWN ON TO 14 ST.; 1.10 M S OF F.O.C. .

NON COORDINATE REVISIONS

1985-12-04 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2001-12-07 SEE 'HISTORICAL/OTHER  
MARKER NAMES'

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.	2016-04-06	2016-05-27
MARKER REPORTED IN GOOD CONDITION	1994-11-01	1994-11-02
MARKER REPORTED IN GOOD CONDITION	1994-03-10	1994-04-13
MARKER REPORTED DESTROYED	1993-04-15	1993-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 1 NGBD # 636155  
NGBD NAME 200218  
HISTORY 56584 4 1

VERT

VERT	REVISION
00-06-15	-0.009 m REVISED ELEVATION-BETTER INTEGRATION
99-10-21	0.031 m REVISED ELEVATION-BETTER INTEGRATION