

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 14.05811 dms  
Longitude 114 08 28.26607 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05

ASCM 8573

Tablet Markings 180211

Date Printed 2025-08-03  
Last Updated 2016-04-08

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 1970-01-18  
Elevation 1125.831 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-12-25

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657526.268 m  
Easting -9898.380 m  
Convergence -0 06 35.30 dms  
Station Ellipsoid Factor 0.999826  
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
214171 655-8.253	108.726	1 359/4	0.999723	264 49 05.58	30.6	0.00
228098 180210	164.961	1 218/3	0.999728	177 37 13.82	3.5	0.00
155481 655-8.96	247.881	1 149/3	0.999726	142 27 29.69	8.4	0.00
102830 180213	322.303	1 112/3	0.999735	0 25 58.12	3.4	-0.01
88823 655-8.212	344.469	1 107/3	0.999727	235 51 15.14	7.9	0.00
203026 655-8.95	408.393	1 91/3	0.999727	123 36 37.84	6.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-07-02

Meridian Defl, XI(+N) 2.8 s 2 s  
Prime Vert Defl, ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -16.06 m 1 m

TSC CAP IN REINFORCED CONCRETE CYLINDER  
10 CM BGL IN MH & COVER

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COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-07-02

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

IN SURVEY TYPE M.H. IN ROAD IN FRONT OF 19-37 ST. S.W.; 1.4 M. S OF STEEL  
GUARD RAIL THAT CROSSES 37 ST IN FRONT OF 19-37 ST S.W.; 4.85 M. E OF  
F.O.C.; 8.9 M. W OF N/S POLE LINE; 8.6 M. N OF S. P/L FENCE OF 19-37 ST S.W.  
PROD. E.

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1985-12-04 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  
MARKER REPORTED IN GOOD CONDITION

1992-12-25 1993-01-22  
1991-02-01 1991-07-02

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 10 NGBD # 636096

HISTORY 56554 8 10