

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 11.99488 dms
Longitude 114 11 15.79485 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-07
Date Printed 2025-08-03
Last Updated 2022-03-03

ASCM 24091
Tablet Markings 655-12.74
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 012
Marker Condition SEE BELOW 21-07-12

Vert Datum CVD28 Updated: 1981-10-01
Elevation 1222.338 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657469.799 m
Easting -13161.130 m
Convergence -0 08 45.59 dms
Station Ellipsoid Factor 0.999811
Station Combined Factor 0.999713

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)
254938 655-12.73	183.638	1	49/2	0.999712	85 05 51.24	3.8	0.00
263996 655-12.90	198.298	1	61/2	0.999713	100 39 31.95	5.2	0.00
95323 655-12.39	298.267	1	40/2	0.999711	2 40 52.67	2.6	-0.01
53801 655-12.47	307.637	1	46/2	0.999712	28 56 02.86	3.9	-0.01
263046 655-12.68	310.760	1	55/2	0.999712	55 25 38.44	4.6	-0.01
239798 655-12.69	316.482	1	44/2	0.999713	71 45 59.24	3.7	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.95 m 1 m

MARKER TYPE Updated: 1981-10-21
ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG
LANDSCAPED

COORDINATE HISTORY

Originating Project 80046 80046
Published 81-10-01 81-10-01
Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 2016-03-21
LOCATED ON SOUTH WEST CORNER OF 69 STREET AND COACH RIDGE ROAD SOUTH
WEST; 10.0 CM WEST OF WEST BACK OF ROLLED CURB; ON LINE WITH BACK OF ROLLED
CURB SOUTH PRODUCED WEST; 9.7 M SOUTH OF CATCH BASIN.

NON COORDINATE REVISIONS

1981-10-21 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED AS UNDER ASPHALT PATHWAY	2021-07-12	2022-03-03
MARKER REPORTED IN GOOD CONDITION	2015-07-15	2016-03-21
MARKER REPORTED IN GOOD CONDITION	1999-01-13	1999-05-26
MARKER REPORTED IN GOOD CONDITION	1995-02-02	1995-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12 74

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HISTORY 56554 12 74