

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 41.48622 dms
Longitude 114 06 28.43262 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-04

ASCM 7054

Tablet Markings 643-4.170

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1097.666 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-09-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5645392.168 m
Easting -7582.401 m
Convergence -0 05 01.63 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
435123 643-4.256	119.028	1	92/2	0.999730	206 31	22.25	6.8	0.00
493783 643-4.257	150.181	1	87/2	0.999730	270 39	02.40	4.8	0.00
444646 643-4.254	171.877	1	76/2	0.999729	212 08	11.32	5.6	0.00
315614 643-4.255	197.455	1	71/2	0.999731	222 38	52.56	5.3	0.00
203372 643-4.192	239.212	1	42/2	0.999731	162 25	20.69	3.5	0.00
13987 643-4.168	262.786	1	42/2	0.999732	357 33	48.28	3.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-31

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

Originating Project 77030 77030
Published 78-01-17 78-01-17

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98015
Published 99-10-21
Revising Project
Published

MARKER LOCATION

Updated: 1989-04-12

LOCATED ON THE SOUTH EAST CORNER OF WOODPARK ROAD AND WOODPARK WAY SOUTH WEST;
0.9' EAST OF BACK OF ROLLED CURB ON THE EAST SIDE OF WOODPARK WAY PRODUCED
NORTH; 0.2' SOUTH EAST OF BACK OF ROLLED CURB ON CURVE; 26.7' SOUTH OF BACK OF
ROLLED CURB ON THE SOUTH SIDE OF WOODPARK ROAD PRODUCED WEST; 8.0 M SOUTH OF
BACK OF ROLLED CURB PRODUCED WEST; 22.0 CM EAST OF BACK OF ROLLED CURB ON
CURVE; 17.0' SOUTH OF CATCH BASIN.

NON COORDINATE REVISIONS

1978-01-31 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.

2006-09-21 2007-06-25
1989-03-02 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 4 170

VERT

01-02-07 -0.013 m ELEVATION REVISED AND REINTEGRATED
99-10-21 0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 643-04.170 56434 4 170