

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 23.70390 dms
Longitude 113 59 34.41806 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 87-03

ASCM 367227

Tablet Markings 643+4.43

Date Printed 2025-08-04
Last Updated 2018-02-13

Mapsheet Name CALGARY C
Mapsheet Number 5643 + 004

Vert Datum CVD28 Updated: 1994-12-16
Elevation 1030.457 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-02-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5644837.194 m
Easting 499.425 m
Convergence 0 00 19.86 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

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)
397414 397414	593.295	1	20/1 0.999742	293 13 52.92	1.7	0.00
113274 126	783.056	1	15/1 0.999743	251 30 52.05	1.2	0.00
433631 433631	1004.139	1	13/1 0.999742	301 48 12.97	1.1	0.00
521997	1013.464	1	15/1 0.999741	116 06 18.65	1.3	0.00
120782 643-0.69	1020.238	1	12/1 0.999743	259 35 36.39	1.0	0.00
201400 643-0.67	1180.618	1	12/1 0.999743	247 15 38.21	1.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-03-30

Meridian Defl, XI(+N) 3.7 s 2 s
Prime Vert Defl, ETA(+E) 4.6 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-07-20

Originating Project 87025 87025
Published 87-10-05 87-10-05

LOCATED IN ISLAND PARK AT THE EAST END OF #200 - DOUGLASWOODS CLOSE SOUTH EAST;
1.85 M NORTH OF SOUTH FACE OF CURB OF ISLAND PRODUCED WEST; 13.3 M WEST OF EAST
FACE OF CURB OF ISLAND PRODUCED SOUTH; 8.9 M EAST OF RED CINDER WALKWAY IN
ISLAND.

Revising Project NAD83 93013
Published 94-05-24 94-12-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1987-10-06 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	1993-02-05	1993-03-30
MARKER REPORTED IN GOOD CONDITION.	1989-03-06	1989-07-20
MARKER REPORTED IN GOOD CONDITION	1988-05-11	1988-05-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56433 4 43

94-12-16

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56433 4 43