

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 05.71327 dms
Longitude 113 59 12.49726 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 59972

Tablet Markings 646+4.38

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY C
Mapsheet Number 5646 + 004

Vert Datum CVD28 Updated: 1983-03-05
Elevation 1036.382 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-04-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5647989.237 m
Easting 926.812 m
Convergence 0 00 36.90 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

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)
265215 646+4.35	498.950	1	22/1 0.999740	329 22 49.52	1.9	0.00
122689 646+4.24	825.679	1	18/1 0.999740	329 56 42.32	1.5	0.00
73858 646+4.22	1162.896	1	15/1 0.999740	326 17 54.77	1.3	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.4 s	2 s
Prime Vert Defl,ETA(+E)	4.4 s	2 s
Geoid_Ellip Separation	-16.22 m	1 m

MARKER TYPE

Updated: 1996-04-22

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30 CM E OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	73119	73119
Published	83-03-05	83-03-05

MARKER LOCATION

Updated: 2006-06-23

ON E/S OF SHEPARD RD, JUST N OF SHEPARD PL SE; 6.10 M E OF E/EDGE OF ASPHALT RD;
94.6 M N OF FOC N/S PROD E; 74.0 M N OF BILLBOARD SIGN.

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

NON COORDINATE REVISIONS

Date	Description
1974-03-13	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2015-04-15	2015-05-01
MARKER REPORTED IN GOOD CONDITION	2005-04-19	2006-06-23
MARKER REPORTED IN GOOD CONDITION	1996-01-09	1996-04-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56463 4 38

VERT

HISTORY 646+04.38 56463 4 38