

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

Horz Datum NAD83 Updated: 1994-05-24		ASCM 58891
Latitude 50 55 50.09974 dms	Marker Installed 73-03	
Longitude 114 02 18.53014 dms		Tablet Markings 73118.151
Horz Class INTEGRATED , ORDER U	Date Printed 2025-08-03	
	Last Updated 2003-03-12	Mapsheet Name CALGARY F
Vert Datum CVD28 Updated: 1989-08-23		Mapsheet Number 5643 - 000
Elevation 1041.449 m	For current information call Geodetic Survey	
Vert Class INTEGRATED , CONSULT AGENCY	(780) 427-3143 FAX: (780) 427-1493	Marker Condition GOOD 73-03-01

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
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Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd	
	To Markings Distance Dev Order Factor	Grid Std T-t
		Bearing Dev Corr
		(dms) (s) (s)

Northing 5643799.545 m
Easting -2705.006 m
Convergence -0 01 47.55 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

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

Component Magnitude Std Dev	MARKER TYPE	Updated: 1974-03-21
Meridian Defl,XI(+N) 4.0 s 2 s	NAIL	
Prime Vert Defl,ETA(+E) 5.6 s 2 s		
Geoid_Ellip Separation -16.06 m 1 m		

COORDINATE HISTORY HORZ VERT	MARKER LOCATION	Updated: 1974-03-21
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Originating Project 73118 73118	TEMPORARY POINT	
Published 83-03-21 83-03-21		
Revising Project NAD83 89153		
Published 94-05-24 89-08-23		
Revising Project		
Published		
Revising Project		
Published		

NON COORDINATE REVISIONS

1974-03-21 FIRST MARKER LOCATION	MARKER CONDITION COMMENTS	Inspected Updated
DESCRIPTION ENTERED		
2003-03-12 "MAPSHEET NAME" AND/OR		
"MAPSHEET NO" CHANGED		
1990-12-28 'VERT CLASS' CHANGED FROM		
"UNIQUE, CONSULT AGENCY"		

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 07009	VERT 89-08-23	0.654 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)
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HISTORY 56434 07009