

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

Horz Datum NAD83	Updated: 1994-05-24	ASCM	23952
Latitude 50 57 18.42519 dms		Marker Installed	70-03
Longitude 114 02 54.83116 dms		Tablet Markings	70103/922
Horz Class INTEGRATED	, ORDER U	Date Printed	2025-08-03
		Last Updated	2003-03-12
Vert Datum CVD28	Updated: 1989-08-23	Mapsheet Name	CALGARY F
Elevation 1042.806 m		Mapsheet Number	5646 - 000
Vert Class INTEGRATED	, CONSULT AGENCY	For current information call Geodetic Survey	
		(780) 427-3143	FAX: (780) 427-1493
		Marker Condition	GOOD 70-03-01

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	Grid	Std	T-t
		To Markings	Distance Dev Order	Bearing	Dev	Corr
			(m)(cm)	(dms)	(s)	(s)
Northing 5646529.122 m						
Easting -3412.041 m						
Convergence -0 02 15.78 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: 1971-05-25
Meridian Defl,XI(+N)	3.7 s	2 s	TEMPORARY	
Prime Vert Defl,ETA(+E)	5.6 s	2 s		
Geoid_Ellip Separation -16.09 m	1 m			

COORDINATE HISTORY	HORZ	VERT	MARKER LOCATION	Updated: 1971-05-25
Originating Project	70103	70103	TEMPORARY POINT NEAR 646+00. 73 (2114.22)	
Published	71-05-25	71-05-25		
Revising Project	NAD83	89153		
Published	94-05-24	89-08-23		
Revising Project				
Published				
Revising Project				
Published				

NON COORDINATE REVISIONS

1971-05-25	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 # 56464	07002	VERT	89-08-23	0.204 m	ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)
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HISTORY 56464 07002