

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 26.25223 dms  
Longitude 114 05 41.62811 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05  
Date Printed 2025-08-03  
Last Updated 2006-03-27

ASCM 29173  
Tablet Markings 200133  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1999-06-21  
Elevation 1091.976 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 01-07-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-03-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5644920.199 m  
Easting -6669.359 m  
Convergence -0 04 25.27 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
7914 643-4.88	281.624	1 43/2	0.999733	4 04 59.76	2.1	0.00
114330 643-4.157	373.310	1 35/2	0.999734	25 30 37.27	2.6	-0.01
75770 643-4.95	472.503	1 30/2	0.999732	52 26 32.31	2.4	0.00
13961 643-4.158	488.962	1 29/2	0.999733	49 37 06.61	2.4	-0.01
352799 643-4.251	503.002	1 38/2	0.999732	281 07 46.59	2.9	0.00
253971 643-4.234	511.478	1 27/1	0.999731	253 55 56.85	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1997-05-16

Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 6.6 s 2 s  
Geoid\_Ellip Separation -15.96 m 1 m

TSC CAP IN REINFORCED CONCRETE CYLINDER  
20 CM BGL WITH MANHOLE COVER

COORDINATE HISTORY

	HORZ	VERT
Originating Project	63004	63004
Published	70-01-18	70-01-18
Revising Project	NAD83	99101
Published	94-05-24	99-06-21
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1989-04-12

LOCATED ON THE WEST SIDE OF 14 STREET AND CANYON MEADOWS DRIVE SOUTH WEST; IN  
STORM MANHOLE AT SOUTH ENTRANCE TO GOLF COURSE; 2.7 M EAST OF THE WEST PROPERTY  
LINE OF 14 STREET SOUTH WEST; 3.1 M SOUTH EAST OF SOUTH GATE POST AT ENTRANCE  
TO GOLF COURSE; 1.8 M NORTH OF THE WEST END OF WEST BEAM OF GUARD RAIL.

NON COORDINATE REVISIONS

1985-12-04 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	2001-07-18	2001-08-15
MARKER REPORTED IN GOOD CONDITION	1999-02-19	1999-11-23
MARKER REPORTED IN GOOD CONDITION	1996-10-03	1997-05-16
MARKER REPORTED IN GOOD CONDITION	1991-01-18	1991-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 4 1 NGBD # 636144

VERT

99-06-21 0.011 m ELEVATION REVISED-INTEGRATED INTO CCS DBM NET

HISTORY 56434 4 1