

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 08.00786 dms  
Longitude 114 08 15.46891 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 83-08

ASCM 32391

Tablet Markings 643-8.73

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1120.866 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-03-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646215.134 m  
Easting -9670.273 m  
Convergence -0 06 24.79 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
287821 646-8.137	201.374	1 79/2	0.999728	36 31 22.47	6.8	0.00
177618 646-8.221	213.492	1 80/2	0.999725	79 16 56.49	6.5	0.00
44032 180140	307.978	1 32/1	0.999727	232 45 18.73	2.4	0.00
214130 646-8.139	309.520	1 58/2	0.999730	1 24 41.86	4.8	-0.01
71100 646-8.138	309.844	1 42/2	0.999730	18 55 37.38	3.2	-0.01
261487 646-8.140	310.462	1 42/2	0.999730	341 21 57.35	3.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-08-20

Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.89 m 1 m

ASC BRASS TABLET ON A 7 X 250CM HEAVY WALL DRIVEN PIPE WITH HELIX.  
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-24

Originating Project 83030 83030  
Published 84-03-01 84-03-01  
  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON THE NORTH WEST CORNER OF THE SOUTH LEG OF CEDARDALE ROAD AND  
CEDARDALE ROAD SOUTH WEST; 18.0 CM SOUTH WEST OF FACE OF CURB; 1.57 M SOUTH  
EAST OF BACK OF WALK PRODUCED SOUTH WEST; 2.6 M NORTH EAST OF CABLE FENCE  
(ASSUMED PROPERTY LINE); 3.05 M NORTH WEST OF MIDDLE OF DOUBLE CATCH BASIN;  
6.05 M SOUTH EAST OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1984-03-01 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  
MARKER REPORTED IN GOOD CONDITION.

1991-03-28 1991-08-20  
1989-02-23 1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 73

01-02-07 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 73