

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 51 46.82151 dms
Longitude 114 08 28.10121 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 57182

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

Tablet Markings 76A025

Vert Datum CVD28 Updated: 1983-04-30
Elevation 1132.721 m
Vert Class INTEGRATED , SPIRIT LEVELS

Mapsheet Name CALGARY E
Mapsheet Number 5634 - 008

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

Marker Condition GOOD 90-06-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5636291.360 m
Easting -9935.797 m
Convergence -0 06 34.10 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	Std Dev (s)	T-t Corr (s)
8441 634-8.4	504.590	1	75/3	0.999723	175 46 19.14	6.4	0.01	
26047 637-8.6	1036.151	1	45/2	0.999724	2 32 32.32	3.8	-0.03	
177782 634-8.6	1610.357	1	38/2	0.999724	259 51 29.44	3.0	0.01	
12807 634-8.1	1689.236	1	40/2	0.999723	81 49 48.13	3.0	-0.01	
190736 634-8.7	1712.279	1	36/2	0.999725	247 38 00.56	2.9	0.02	
63214 634-8.2	1766.213	1	35/2	0.999724	107 29 10.55	2.8	0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-12-06

Meridian Defl,XI(+N) 4.9 s 2 s
Prime Vert Defl,ETA(+E) 7.5 s 2 s
Geoid_Ellip Separation -15.66 m 1 m

DEEP BENCH-MARK IN MANHOLE

0.5M N OF GP, 20CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-03-29

Originating Project 77005 77005
Published 83-04-30 83-04-30

LOCATED IN MANHOLE ON SOUTH SIDE OF 210 AVENUE AND WEST OF 37 STREET SOUTH WEST; 59.1 M WEST OF CENTRE LINE OF 37 STREET; 11.3 M SOUTH OF CENTRE LINE OF 210 AVENUE; 2.75 M NORTH OF THE SOUTH PROPERTY LINE OF 210 AVENUE (FENCE LINE). 44.0 M WEST OF THE WEST PROPERTY LINE OF 37 STREET; 23.0 M EAST OF POWER POLE WITH BRACING WIRE.

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

NOTE: BENCHMARK MONUMENT - NOT DESIGNED FOR HORIZONTAL STABILITY. HORIZONTAL POSITION APPROX. 2 CM.

NON COORDINATE REVISIONS

1977-04-20 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1992-12-16 NGDB NUMBER AND
NGDB NAME ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.

1990-06-20 1990-07-30
1989-01-25 1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56344 8 400 NGBD # 76A025
NGBD NAME 76A025
HISTORY 56344 8 400