

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 05 20.51011 dms  
Longitude   114 12 08.90078 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    72-03  
Date Printed        2025-08-03  
Last Updated        2003-03-12

ASCM            69625  
Tablet Markings    661-12.53  
Mapsheet Name      CALGARY G  
Mapsheet Number    5661 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1077.229 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            93-09-28

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor    0.999900    At Ref Mer 114

Northing    5661443.600 m  
Easting     -14184.452 m  
Convergence   -0 09 27.18 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor   0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
100818 661-12.46	199.955	1 65/2	0.999739	265 37 46.99	3.8	0.00
195735 658-12.82	225.546	1 67/2	0.999737	170 39 35.82	5.5	0.01
184564 661-12.55	243.191	1 62/2	0.999738	61 00 22.78	5.4	0.00
23440 661-12.52	315.195	1 38/2	0.999735	3 55 46.01	3.2	-0.01
257105 661-12.51	377.413	1 42/2	0.999736	331 36 13.35	3.5	-0.01
29827 658-12.73	378.935	1 42/2	0.999735	190 11 23.07	3.4	0.01

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

Component                    Magnitude    Std Dev  
Meridian Defl, XI(+N)        2.6    s        2    s  
Prime Vert Defl, ETA(+E)      7.0    s        2    s  
Geoid\_Ellip Separation   -15.97 m        1    m

MARKER TYPE

Updated: 1992-01-22

ASC BRASS TABLET ON TOP OF 2" X 6.8' STEEL PIPE.  
15 CM. BGL.

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COORDINATE HISTORY                    HORZ            VERT

Originating Project            72106        72106  
Published            83-04-29    83-04-29

Revising Project            NAD83        98016  
Published            94-05-24    00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1992-01-22

ON NW COR OF BOWNESS RD AT 79 ST NW; 0.40M OF B.O.W.; 8.2M W OF B.O.W. W/S  
PROD S; 8.0M SW OF FIRE HYDRANT.

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NON COORDINATE REVISIONS

1973-06-19    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	1993-09-28	1994-05-20
MARKER REPORTED IN GOOD CONDITION.	1991-09-05	1992-01-22
MARKER REPORTED IN GOOD CONDITION	1989-07-12	1990-05-01
MARKER REPORTED IN GOOD CONDITION.	1988-10-27	1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12    53

VERT

00-06-15

0.011 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY                    56614 12    53