

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 56 36.31004 dms  
Longitude   114 03 40.55968 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    75-03

ASCM      39057

Tablet Markings    643-4.123

Date Printed      2025-08-03  
Last Updated      2006-06-23

Mapsheet Name    CALGARY F  
Mapsheet Number   5643 - 004

Vert Datum CVD28      Updated: 1999-08-16  
Elevation    1051.354 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      05-06-06

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor    0.999900    At Ref Mer 114

Northing    5645228.473 m  
Easting      -4305.569 m  
Convergence   -0 02 51.27 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor   0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
196816 643-4.148	100.391	1 110/2	0.999735	43 05 54.07	5.9	0.00
207753 643-4.120	267.694	1 64/2	0.999740	259 35 27.34	5.0	0.00
275172 643-4.122	274.653	1 62/2	0.999739	275 14 08.95	4.6	0.00
47985 643-4.121	276.152	1 58/2	0.999739	226 35 03.65	4.8	0.00
183566 643-0.98	298.099	1 54/2	0.999737	80 58 45.44	4.1	0.00
163352 643-0.99	304.308	1 53/2	0.999736	109 39 48.38	4.0	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1976-02-18

Meridian Defl,XI(+N)      3.9    s      2    s  
Prime Vert Defl,ETA(+E)    6.0    s      2    s  
Geoid\_Ellip Separation -16.04 m      1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY

HORZ

VERT

Originating Project      75109      75109  
Published      83-04-29    83-04-29

Revising Project      NAD83      98014  
Published      94-05-24    99-08-16  
Revising Project  
Published  
Revising Project  
Published

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MARKER LOCATION

Updated: 2006-06-19

IN CONCRETE BUS PAD IN FRON OF HOUSE #12235 BONAVENTURE DR SE; 0.3 M W OF FOC; 4  
.0 M N OF S/WALL OF HOUSE PROD E; 0.3 M N OF S/END OF CONCRETE BUS PAD; 13.0 M S  
OF LT.S.

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NON COORDINATE REVISIONS

1976-02-18    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

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MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION	2005-06-06	2006-06-19
MARKER REPORTED IN GOOD CONDITION.	1989-03-09	1989-04-12
MARKER REPORTED IN GOOD CONDITION	1987-12-08	1988-06-28

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434    4 123

99-08-16

0.005 m    ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.123      56434    4 123