

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 27.67944 dms  
Longitude   114 11 09.42320 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    80-07

ASCM      39719

Tablet Markings    655-12.76

Date Printed      2025-08-03  
Last Updated      2003-03-12

Mapsheet Name    CALGARY G  
Mapsheet Number   5655 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1230.085 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      95-02-06

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor    0.999900    At Ref Mer 114

Northing    5657954.129 m  
Easting     -13035.819 m  
Convergence   -0 08 40.66 dms  
Station Ellipsoid Factor 0.999810  
Station Combined Factor   0.999712

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
222380 655-12.64	142.985	1 98/2	0.999717	96 50 27.91	7.7	0.00
260174 655-12.46	169.878	1 65/2	0.999712	202 57 51.29	5.7	0.01
539 655-12.77	179.298	1 67/2	0.999712	315 33 14.39	5.8	0.00
82461 655-12.63	192.545	1 78/2	0.999713	128 33 38.35	6.4	0.00
18556 655-12.59	192.731	1 73/2	0.999714	57 54 07.46	6.0	0.00
53801 655-12.47	216.511	1 65/2	0.999713	173 46 18.68	5.4	0.01

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1981-10-21

Meridian Defl,XI(+N)    2.9    s    2    s  
Prime Vert Defl,ETA(+E)   7.1    s    2    s  
Geoid\_Ellip Separation -15.96 m    1    m

ASC CAP SET IN CONCRETE CURB

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COORDINATE HISTORY      HORZ      VERT

Originating Project      80046      80046  
Published      81-10-01    81-10-01

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

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MARKER LOCATION

Updated: 1995-07-05

ON NORTH SIDE OF ROAD AND WEST OF HOUSE NO.820 COACHBLUFF CRESCENT SOUTH WEST;  
0.1 M SOUTH OF BACK OF ROLLED CURVE; 14.0 M WEST OF THE WEST WALL OF HOUSE  
PRODUCED SOUTH; 1.3 M WEST OF THE WEST EDGE OF ASPHALT LANE PRODUCED SOUTH;  
4.5 M SOUTH WEST CORNER OF GREEN UTILITY BOX.

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NON COORDINATE REVISIONS

1981-10-21    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

1995-02-06    1995-07-05

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12    76

VERT

00-06-15

0.012 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY      56554 12    76