

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 07 28.57923 dms  
Longitude   114 00 06.96544 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    64-05

ASCM      9027

Tablet Markings    240259

Date Printed      2025-08-03  
Last Updated      2020-01-09

Mapsheet Name    CALGARY G  
Mapsheet Number   5664 - 000

Vert Datum CVD28      Updated: 1970-01-18  
Elevation    1083.554 m  
Vert Class INTEGRATED    , CONSULT AGENCY

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

Marker Condition    GOOD      99-07-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor    0.999900    At Ref Mer 114

Northing    5665381.407 m  
Easting      -135.444 m  
Convergence   -0 00 05.42 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor   0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
267682 DOT702350	371.605	1	30/1	0.999734	342 47 23.00	1.9	0.00
660290 702411	477.739	1	71/3	0.999734	321 54 52.97	5.9	0.00
239046 DOT702354	509.467	1	24/1	0.999732	241 21 28.71	2.1	0.00
235408 DOT702348	637.175	1	17/1	0.999733	20 24 36.57	1.4	0.00
288977 DOT702341	666.532	1	21/1	0.999733	78 27 57.03	1.8	0.00
232090 DOT702351	726.954	1	18/1	0.999734	295 06 08.36	1.5	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N)    2.5    s    2    s  
Prime Vert Defl,ETA(+E)   5.0    s    2    s  
Geoid\_Ellip Separation -16.43 m    1    m

TSC CAP IN REINFORCED CONCRETE CYLINDER

20 CM BGL, MANHOLE & COVER, 1 GP.

COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 2001-08-21

Originating Project      63004      63004  
Published      70-01-18    70-01-18

LOCATED ON THE W/S OF MCCALL WAY AND N OF 78 AVE NE; LOCATED ACROSS FROM A COMPOUND CONTAINING 3 LARGE FUEL STORAGE TANKS; LOCATED DIRECTLY EAST OF THE CANADIAN AIRLINES HANGER (NOW AIR CANADA); APPROX 60 M N OF THE N EDGE OF 78 AVE NE ASPHALT ROADWAY; 7.9 M W OF THE W EDGE OF ASPHALT.

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

NON COORDINATE REVISIONS

1985-12-04    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2001-12-07    SEE 'HISTORICAL/OTHER  
MARKER NAMES'

MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

1999-07-15    2001-08-21  
1992-11-06    1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644    0    7    NGBD # 636271  
NGBD NAME 240259  
HISTORY      56644    0    7