

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 04 51.04546 dms  
Longitude   113 54 36.79575 dms  
Horz Class INTEGRATED      , ORDER 3

Marker Installed    80-03

ASCM      30056

Date Printed      2025-08-03  
Last Updated      2010-10-29

Tablet Markings

Vert Datum CVD28      Updated: 1981-03-01  
Elevation    1115.130 m  
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name    CALGARY B  
Mapsheet Number   5658 + 008

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

Marker Condition    GOOD      93-12-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2010-10-29

Scale Factor    0.999900    At Ref Mer 114

Northing    5660517.485 m  
Easting      6290.686 m  
Convergence    0 04 11.46 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor    0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
192195 658+8.4	122.205	1 409/4	0.999732	303 32 31.37	7.9	0.00
768432 768432	1306.409	1 41/2	0.999731	239 03 55.67	3.1	-0.01
402032 658+8.139	1376.621	1 38/2	0.999732	258 08 54.59	2.4	0.00
326223 658+8.143	1394.151	1 38/2	0.999731	272 57 54.54	1.8	0.00
38133 658+8.3	1591.643	1 33/2	0.999731	164 42 41.91	2.0	-0.02
782730 782730	1600.700	1 33/2	0.999731	227 40 20.48	2.7	-0.02

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1981-04-28

Meridian Defl,XI(+N)      2.9    s      2    s  
Prime Vert Defl,ETA(+E)    3.8    s      2    s  
Geoid\_Ellip Separation -16.50 m      1    m

HIGH POINT

COORDINATE HISTORY      HORZ      VERT

Originating Project      78044      78044  
Published      81-03-01    81-03-01

LOCATED ON TOP OF RADIO MAST APPROX. 1550 M NORTH OF 16 AVENUE NORTH EAST;  
APPROX. 100 M EAST OF 84 STREET NORTH EAST; POINT OBSERVED: TOP OF CENTER  
SUPPORT MAST.

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

NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY (HIGH POINTS).  
85/09/05

NON COORDINATE REVISIONS

1981-04-28    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1993-06-08    TABLET MARKINGS CHANGED FROM  
MAST,16AVE/84ST.

MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION	1993-12-20	1994-01-24
MARKER REPORTED IN GOOD CONDITION	1992-06-03	1992-07-08
MARKER REPORTED IN GOOD CONDITION	1991-01-28	1991-08-01
MARKER REPORTED IN GOOD CONDITION.	1988-10-04	1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583    8 130

HISTORY MAST,16AVE184ST.56583    8 130