

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 50.52210 dms
Longitude 114 08 48.30676 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2020-01-08

ASCM 54171
Tablet Markings 76A006
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 1999-06-21
Elevation 1111.349 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-09-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662361.704 m
Easting -10279.035 m
Convergence -0 06 51.14 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
47605 661-8.96	424.060	1	35/2	0.999732	71 12 33.63	2.8	0.00
247155 1724.9	530.001	1	23/1	0.999728	268 53 08.57	1.9	0.00
51607 661-8.203	555.946	1	27/1	0.999731	46 10 11.85	2.2	-0.01
85779 1723.11	570.458	1	23/1	0.999730	241 39 51.84	1.9	0.01
68767 1723.28	590.008	1	22/1	0.999730	182 40 15.44	1.8	0.02
122796 661-8.100	598.469	1	27/2	0.999730	78 54 22.58	2.1	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 2020-01-08

DEEP BENCH-MARK IN MANHOLE

90 CM BGL, 0.3 M E & 0.3 M W OF 2 GP

COORDINATE HISTORY

Originating Project 77117 77117
Published 83-08-11 83-08-11

Revising Project NAD83 99101
Published 94-05-24 99-06-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1977-04-20

IN GRASSY AREA IN FRONT OF SHAGANAPPI CHEV. OLDS MOTORS BLDG NW; 6.0 M S OF E-W STELL FENCE; 15.7 M E OF W WALL OF BLDG PRODUCED S.

NON COORDINATE REVISIONS

1977-04-20 FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED
1992-12-16 NGDB NUMBER AND NGDB NAME ENTERED
1990-08-10 DUPLICATE ASCM# 352641 FOR THIS MARKER DELETED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS NOT FOUND, SIGNIFICANT LANDSCAPING. 2019-09-12 2020-01-08
MARKER REPORTED IN GOOD CONDITION 1993-07-06 1993-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 400 NGDB # 76A006
NGDB NAME 76A006
HISTORY 56614 8 400

VERT

99-06-21 0.038 m ELEV REV-BETTER INTEGRATION TO CCS DBM NET