

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 19.14986 dms
Longitude 114 04 44.81629 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 20131

Tablet Markings 646-4.77

Date Printed 2025-08-03
Last Updated 2022-12-02

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1055.304 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-06-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-12-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5646553.371 m
Easting -5558.510 m
Convergence -0 03 41.20 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
90993 646-4.71	193.858	1	57/2	0.999737	264 08 39.36	3.8
203240 646-4.78	200.177	1	60/2	0.999740	12 22 56.72	3.5
207803 646-4.75	201.255	1	60/2	0.999737	178 53 06.24	3.2
213280 646-4.69	240.968	1	62/2	0.999738	327 15 40.22	5.2
232991 646-4.70	248.935	1	56/2	0.999738	316 50 23.55	4.8
287953 646-4.74	262.508	1	46/2	0.999736	195 08 24.62	3.6

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-07-26

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-07-26

Originating Project 70104 70104
Published 71-04-21 71-04-21

IN NW CORNER OF SACRAMENTO DR. & SHAMROCK AVE. S.W. ;
2.3 M. N OF N. B.O.W. ON SHAMROCK AVE. PROD E ; 2.10 M. E OF W B.O.W.
ON SACRAMENTO DR. PROD. S ; 8.5 M E OF LIGHT STANDARD WITH
CANADA POST BOX ON IT.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-04-21 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2014-06-11 2014-06-30
2009-02-25 2009-04-01
1990-09-14 1991-07-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 77

01-02-07

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.77 56464 4 77