

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 14.69173 dms
Longitude 114 02 09.82470 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 4473
Tablet Markings 70103/909
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000
Marker Condition GOOD 70-03-01

Vert Datum CVD28 Updated: 1989-08-23
Elevation 1040.304 m
Vert Class INTEGRATED , CONSULT AGENCY

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

ASCM Tablet Horizontal Std PPM/ Grid/ Grnd
To Markings Distance Dev Order Factor
(m)(cm)

Grid Std T-t
Bearing Dev Corr
(dms) (s) (s)

Northing 5646413.258 m
Easting -2533.742 m
Convergence -0 01 40.83 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

TEMPORARY

MARKER LOCATION

Updated: 1971-05-25

COORDINATE HISTORY HORZ VERT

Originating Project 70103 70103
Published 71-05-25 71-05-25

TEMPORARY POINT NEAR 646+00.28 (2214.9)

Revising Project NAD83 89153
Published 94-05-24 89-08-23
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-05-25 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1990-12-28 'VERT CLASS' CHANGED FROM
"UNIQUE, CONSULT AGENCY"

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 07003

VERT

89-08-23

-0.614 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)

HISTORY 56464 07003