

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 53.54106 dms
Longitude 114 04 35.99398 dms
Horz Class INTEGRATED , ORDER U

Marker Installed 83-12

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 30171

Tablet Markings 646-4.7015

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1056.146 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 83-04-26

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 5647615.843 m
Easting -5385.228 m
Convergence -0 03 34.38 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-12-11

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ALUMINIUM TABLET 5CM IN DIAMETER SET IN A CONCRETE SIDEWALK. POST MKD 7015.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1984-12-11

Originating Project 83054 83054
Published 84-12-11 84-12-11

LOCATED NEAR THE INT OF SOUTHLAND DR AND THE LIGHT RAIL TRANSIT
R/W; ON THE S/S OF SOUTHLAND DR ON TOP OF THE BRIDGE; 1.4M N OF THE
B.O.W. AND 38.5M W OF THE E END RAILING; PLACED AND DATED BY THE
CITY OF CALGARY.

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

NON COORDINATE REVISIONS

1984-12-11 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 47015

01-02-07

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56464 47015