

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 15.32338 dms
Longitude 114 04 19.25849 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

Date Printed 2025-08-03
Last Updated 2018-02-13

ASCM 8185

Tablet Markings 646-4.87

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1049.531 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646434.626 m
Easting -5059.836 m
Convergence -0 03 21.35 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
177816 646-4.347	216.724	1	37/1	0.999737	241 03 05.03	3.0	0.00
261040 5002	252.712	1	44/2	0.999738	314 13 33.88	3.2	0.00
36533 646-4.344	285.138	1	39/2	0.999737	78 34 31.30	2.9	0.00
61903 646-4.342	398.031	1	33/2	0.999738	36 08 30.59	2.7	0.00
235317 646-4.340	486.594	1	25/1	0.999737	28 10 44.01	2.0	-0.01
207803 646-4.75	501.708	1	22/1	0.999739	260 32 32.20	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-16

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 70102 70102
Published 71-05-25 71-05-25

LOCATED ON W/S OF MCLEOD TRAIL AT ANDERSON LRT STATION; 14 M W OF W BACK OF ROLL
ED CURB; 15 M S OF LARGE WOOD POWER POLE; 47 M N OF N/S OF PEDESTRIAN OVERPASS.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
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

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2005-06-03 2006-06-16
1988-01-20 1988-06-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 87

99-08-16 0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.87 56464 4 87