

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 17.15935 dms
Longitude 114 04 04.94433 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-12
Date Printed 2025-08-03
Last Updated 2018-02-13

ASCM 36533
Tablet Markings 646-4.344
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1048.439 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 10-12-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646491.091 m
Easting -4780.421 m
Convergence -0 03 10.24 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

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)
61903 646-4.342	268.705	1	45/2	0.999736	350 24 59.77	3.1	0.00
8185 646-4.87	285.138	1	39/2	0.999737	258 34 31.30	2.9	0.00
235317 646-4.340	375.744	1	35/2	0.999736	352 23 53.63	2.8	0.00
214437 646-4.96	379.044	1	40/2	0.999739	13 24 01.28	3.3	0.00
661 646-4.97	461.026	1	33/2	0.999737	36 13 03.71	2.7	0.00
261040 5002	475.902	1	32/2	0.999737	284 34 41.30	2.7	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

MARKER TYPE

Updated: 1984-12-11

ASC BRASS TABLET SET ON 7CM X 335CM HEAVY WALL PIPE WITH HELIX AND PLACED FLUSH WITH THE GRD. POST MKD 646-4.344. FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	83054 84-12-11	83054 84-12-11
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 2011-02-02

LOCATED ON THE S/S OF BONAVENTURE DR AT THE W ENTRANCE TO THE S CENTRE SHOPPING MALL; ON THE SW CORNER OF BONAVENTURE DR AND 10900 BLOCK ON N SIDE OF SOUTH CENTRE SHOPPING MALL; IN WHEEL CHAIR RAMP; 0.5 M S OF FOC ON CURVE; 5.6 M NW OF TRAFFIC LIGHT STANDARD.

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

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2010-12-20 2011-02-02
1993-08-18 1994-01-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 344

VERT

01-02-07

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56464 4 344