

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 40.24804 dms
Longitude 114 10 57.74955 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 80-07

ASCM 56655

Tablet Markings 658-12.88

Date Printed 2025-08-03
Last Updated 2010-01-29

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1226.195 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 09-10-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2010-01-29

Scale Factor 0.999900 At Ref Mer 114

Northing 5658341.923 m
Easting -12807.532 m
Convergence -0 08 31.61 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999712

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
145540 655-12.44	181.352	1	61/2 0.999712	203 22 30.87	4.3	0.01
241158 658-12.89	201.402	1	65/2 0.999711	238 42 17.88	5.5	0.00
82214 658-12.85	219.042	1	55/2 0.999714	313 10 02.98	3.7	0.00
168070 655-12.58	223.343	1	58/2 0.999708	184 25 02.37	4.7	0.01
11932 655-12.55	239.445	1	42/2 0.999713	140 30 23.51	3.3	0.01
237768 658-12.91	247.379	1	49/2 0.999713	344 23 06.22	3.7	-0.01

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

MARKER TYPE

Updated: 1981-10-21

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/TOP OF CONCRETE.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	80046	80046
Published	81-10-01	81-10-01
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1981-10-21

LOCATED ON THE SOUTH WEST CORNER OF COACH WAY ROAD AND OLD BANFF COACH ROAD NORTH WEST; IN LINE WITH BACK OF WALK ON SOUTH SIDE OF OLD COACH ROAD PRODUCED WEST; 0.5 M WEST OF FACE OF CURB ON EAST SIDE OF ISLAND; 0.7 M NORTH OF SOUTH TIP OF ISLAND.

NOTE: STATION REVISED VERTICALLY (02/01/85) IN PROJECT PF84016.

NON COORDINATE REVISIONS

Date	Description
1981-10-21	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

Inspected	Updated
2009-10-08	2010-01-29
1989-03-21	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 12 88

VERT

00-06-15

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56584 12 88