

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 20.71783 dms  
Longitude 114 11 08.18951 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 80-07  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 53801  
Tablet Markings 655-12.47  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1227.775 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5657738.958 m  
Easting -13012.337 m  
Convergence -0 08 39.69 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)
260174 655-12.46	107.322	1 102/2	0.999705	303 14 01.42	5.9	0.00
95323 655-12.39	137.903	1 80/2	0.999709	282 00 48.33	6.7	0.00
263046 655-12.68	141.734	1 92/2	0.999712	130 57 06.72	7.8	0.00
82461 655-12.63	158.784	1 82/2	0.999714	53 09 24.26	7.0	0.00
168658 655-12.48	187.393	1 59/2	0.999715	87 29 38.64	4.7	0.00
219790 655-12.65	193.785	1 67/2	0.999715	13 46 28.97	5.7	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-10-21

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.96 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-07-05

Originating Project 80046 80046  
Published 81-10-01 81-10-01

ON SOUTH WEST CORNER OF COACHHILL ROAD AND COACHRIDGE RISE SOUTHWEST; 0.15 M  
SOUTH OF BACK OF SEPARATE WALK; 0.1 M SOUTH WEST OF BACK OF WALK ON CURVE;  
6.8 M NORTH WEST OF CATCH BASIN.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

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

1995-02-06 1995-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 47

00-06-15

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 47