

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 09.64096 dms
Longitude 113 57 48.51999 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 28308
Tablet Markings 655+4.123
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1066.811 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-08-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657380.931 m
Easting 2560.615 m
Convergence 0 01 42.26 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
44784 2520.34	159.161	1 132/3	0.999735	103 24 11.36	5.0	0.00
141143 655+4.124	187.590	1 43/2	0.999732	276 32 24.94	3.7	0.00
984 655+4.122	193.443	1 52/2	0.999735	347 06 39.11	4.2	0.00
293225 655+4.121	304.401	1 43/2	0.999733	358 49 04.53	3.5	0.00
187153 2520.35	342.018	1 26/1	0.999736	97 06 14.11	2.3	0.00
293365 655+4.251	349.666	1 54/2	0.999737	185 18 37.69	4.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.39 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-17

Originating Project 73123 73123
Published 74-04-23 74-04-23

ON SE CORNER OF 47 ST AND MEMORIAL DR SE; 1.4 M E OF B.O.W. PROD. N.;
6.9 M S OF F.O.C. PROD. W.; 0.1 M SE OF B.O.W. ON CURVE; 7.2 M SE OF LT.S.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1974-01-16 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

1999-08-12 2001-08-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 123

99-10-21

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.123 56553 4 123