

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 10.72706 dms
Longitude 113 58 52.17774 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

Date Printed 2025-08-03
Last Updated 2017-03-20

ASCM 61606

Tablet Markings 652+4.95

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1055.167 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-11-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653706.096 m
Easting 1321.800 m
Convergence 0 00 52.72 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
297762 652+4.96	180.440	1	33/1	0.999737	195 10 51.17	2.6	0.00
26807 652+4.91	186.743	1	43/2	0.999737	263 46 30.87	3.6	0.00
166207 652+4.175	228.923	1	39/2	0.999735	149 44 11.65	2.8	0.00
257816 652+4.93	234.967	1	38/2	0.999741	311 43 30.92	3.1	0.00
111823 652+4.123	239.962	1	33/1	0.999739	49 05 08.87	2.8	0.00
188698 652+4.90	249.041	1	36/2	0.999738	236 05 54.06	3.1	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-29

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

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

COORDINATE HISTORY

HORZ VERT

Originating Project 73120 73120
Published 83-03-08 83-03-08

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

MARKER LOCATION

Updated: 2001-08-29

ON W/S OF PLAYFIELD FOR THE HAROLD W. RIELY ELEMENTARY SCHOOL LOCATED
AT 3743 - DOVER RIDGE DR SE; 99.20 M N OF S P/L STEEL FL OF SCHOOL
PLAYGROUND; 39.80 M S/SE OF AN E-W POW.L. WHICH IS ON THE N/S OF 2ND LAND
(ON W/S OF 36 ST) S OF DOVER RIDGE DR PROD. E; 30.0 M S/SE OF KINK IN STEEL FL;
3.50 M E OF W P/L STEEL FL.

NON COORDINATE REVISIONS

1974-03-01 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
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

1995-11-06 2001-08-29
1992-08-16 1992-09-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 95

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652+04.95 56523 4 95