

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 43.82357 dms  
Longitude 113 59 35.47281 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-06

ASCM 65607

Tablet Markings 649+4.121

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

Mapsheet Name CALGARY C  
Mapsheet Number 5649 + 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1027.636 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 96-01-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5651020.697 m  
Easting 478.263 m  
Convergence 0 00 19.06 dms  
Station Ellipsoid Factor 0.999842  
Station Combined Factor 0.999742

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
151985 649+4.120	315.294	1	54/2	0.999741	144 26 54.92	3.3	0.00
2477 649+4.123	358.073	1	39/2	0.999741	2 23 54.42	3.1	0.00
118026 649+4.124	428.452	1	42/2	0.999740	29 23 59.40	3.6	0.00
57208 649+4.29	508.257	1	37/2	0.999741	19 38 55.25	3.1	0.00
243139 649+4.125	584.711	1	34/2	0.999740	52 12 54.11	2.8	0.00
215574 649+4.72	613.718	1	31/2	0.999741	42 54 44.69	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-17

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 4.4 s 2 s  
Geoid\_Ellip Separation -16.26 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE  
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-17

Originating Project 83026 83026  
Published 84-02-17 84-02-17

ON W/S OF OGDENDALE RD. AND N. ENTRANCE TO AUTO HAUL-AWAY WEST LTD. AT  
6710 OGDENDALE RD. S.E.; 0.5 M. W. OF F.O.C. ON W/S OF OGDENDALE RD.;  
0.4 M. S OF E-W FROST FENCE ON N.P/L OF 6710 OGDENDALE RD. PROD. E.;

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

NON COORDINATE REVISIONS

1984-02-09 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

1996-01-02 1996-03-07  
1990-12-17 1991-10-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56493 4 121

99-08-16

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56493 4 121