

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 15.70259 dms  
Longitude 114 00 49.18277 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 2089

Date Printed 2025-08-03  
Last Updated 2013-01-17

Tablet Markings 2314.8

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1016.060 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 000

Marker Condition GOOD 94-01-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5646443.962 m  
Easting -959.877 m  
Convergence -0 00 38.20 dms  
Station Ellipsoid Factor 0.999843  
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
2683 643-0.74	608.817	1	21/1	0.999743	223 43 11.84	1.7	0.00
223883 646-0.59	891.923	1	18/1	0.999744	322 59 39.55	1.6	0.00
22830 643-0.72	990.385	1	14/1	0.999741	213 30 27.77	1.2	0.00
190298 646-0.46	1108.371	1	15/1	0.999744	310 13 14.78	1.3	0.00
22269 643-0.216	1215.057	1	12/1	0.999741	211 46 29.38	1.1	0.00
433631 433631	1236.796	1	12/1	0.999744	150 38 42.14	1.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.6 s 2 s  
Prime Vert Defl,ETA(+E) 4.9 s 2 s  
Geoid\_Ellip Separation -16.15 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND, 0.55 M SOUTH OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-22

Originating Project 70103 70103  
Published 71-05-25 71-05-25  
  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

N OF DEERFOOT TR. AND AT HTE W/S OF THE N-S 1/4 LINE FENCE FOR SW 1/4 SEC.  
13-23-1-5; BETWEEN THE FIRST AND SECOND SET OF DOUBLE POWER POLES N OF  
DEERFOOT TR.; 319.40 M. N OF N. LIP OF ASPHALT RD.WAY FOR DEERFOOT TR.;  
93.80 M. N OF THE MOST WESTERLY POWER POLE IN FIRST SET OF DOUBLE POLES;  
13.20 M. W OF AN E-W FL.

NON COORDINATE REVISIONS

1971-05-25 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	1994-01-25	1994-03-22
MARKER REPORTED IN GOOD CONDITION	1993-03-31	1993-07-07
MARKER REPORTED IN GOOD CONDITION	1993-02-10	1993-03-30
MARKER REPORTED IN GOOD CONDITION.	1989-03-08	1989-07-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 56

99-08-16

0.007 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.56 56464 0 56