

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 57.94047 dms  
Longitude 114 12 24.84102 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-06  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 30692  
Tablet Markings 664-12.145  
Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1166.625 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-01-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5664455.032 m  
Easting -14486.189 m  
Convergence -0 09 39.80 dms  
Station Ellipsoid Factor 0.999820  
Station Combined Factor 0.999722

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
266643 664-12.141	103.947	1	87/2	0.999720 233 17 33.11	4.5	0.00
40097 664-12.140	128.554	1	70/2	0.999726 25 06 43.37	4.4	0.00
22541 664-12.139	182.006	1	66/2	0.999724 349 02 33.24	5.6	-0.01
180638 664-12.67	230.456	1	39/2	0.999722 36 47 51.64	3.3	-0.01
131995 664-12.138	249.050	1	44/2	0.999724 321 56 12.95	3.7	-0.01
81596 664-12.65	263.518	1	42/2	0.999723 125 42 10.80	3.1	0.01

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

Component Magnitude Std Dev  
Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

MARKER TYPE

Updated: 1982-12-06

ASC BRASS TABLET SET IN CONC MEDIAN.

COORDINATE HISTORY

Originating Project 82009 82009  
Published 82-12-15 82-12-15  
Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1982-12-06

ON NOSE HILL DR AT INT WITH SILVER SPRINGS BLVD NW; ON BULLNOSE AT  
S/S OF SILVER SPRINGS BLVD, PROD W; 7CM W OF FOC OF BULLNOSE OF  
MEDIAN; ON FORC SW, PROD NW; 2.1M NW OF FOC OF MEDIAN, PROD NE.

NON COORDINATE REVISIONS

1982-12-06 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

1990-01-02 1991-06-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 12 145

VERT

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 145