

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 53.46251 dms  
Longitude 114 06 21.30029 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 68346  
Tablet Markings 664-4.147  
Mapsheet Name CALGARY H  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1148.449 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-01-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666155.631 m  
Easting -7413.328 m  
Convergence -0 04 56.88 dms  
Station Ellipsoid Factor 0.999823  
Station Combined Factor 0.999723

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)
7146 664-4.154	384.761	1	31/2	0.999721	172 07 55.63	2.4	0.01
7492 664-4.186	400.475	1	20/1	0.999724	346 04 09.50	1.5	-0.01
296210 664-4.185	462.888	1	28/1	0.999724	311 37 24.17	2.2	-0.01
149138 664-4.149	471.581	1	28/1	0.999724	108 42 37.81	2.2	0.00
297382 664-4.182	499.283	1	26/1	0.999723	264 19 36.32	2.1	0.00
41061 664-4.151	506.726	1	24/1	0.999722	152 11 31.13	1.9	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-07-05

Meridian Defl,XI(+N) 2.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.2 s 2 s  
Geoid\_Ellip Separation -16.24 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG  
LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-04-30

Originating Project 81018 81018  
Published 82-08-19 82-08-19

SE COR OF 14 ST (NEW ALIGNMNET) & BERKSHIRE BLVD NW. 4.70M S OF F.O.C  
S/S PROD W; 13.70M E OF F.O.C. E/S PROD N; 0.19M SE OF F.O.C. ON CURVE

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 98015  
Published 99-10-21  
Revising Project 91054  
Published 92-12-16

NON COORDINATE REVISIONS

1982-08-17 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1995-01-31	1995-07-05
MARKER REPORTED IN GOOD CONDITION	1994-01-14	1994-03-07
MARKER REPORTED IN GOOD CONDITION	1992-11-27	1993-02-02
MARKER REPORTED IN GOOD CONDITION	1991-10-10	1992-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 147

VERT	00-06-15	0.028 m	REVISED ELEVATION-BETTER INTEGRATION
	99-10-21	-0.015 m	REVISED ELEVATION-BETTER INTEGRATION
	92-12-16	0.021 m	REVISED ELEVATION-MOVEMENT SUSPECTED

HISTORY 56644 4 147