

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 44.05364 dms  
Longitude 114 08 54.28674 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 23895  
Tablet Markings 661-8.232  
Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1160.755 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5664016.048 m  
Easting -10392.050 m  
Convergence -0 06 55.88 dms  
Station Ellipsoid Factor 0.999821  
Station Combined Factor 0.999722

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
73874 661-8.178	102.088	1 127/2	0.999720	266 58 41.78	7.8	0.00
194464 661-8.177	209.752	1 67/2	0.999720	231 27 56.49	4.2	0.00
24174 661-8.142	223.046	1 63/2	0.999721	200 14 45.65	4.7	0.01
147512 661-8.223	249.421	1 64/2	0.999721	109 31 55.74	4.4	0.00
226423 664-8.76	274.648	1 62/2	0.999721	33 41 17.37	4.6	-0.01
264465 664-8.237	279.386	1 39/2	0.999723	318 29 18.00	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)	6.6 s	2 s
Geoid_Ellip Separation	-16.12 m	1 m

MARKER TYPE

Updated: 1993-11-18

1.5 M IRON BAR.

20 CM BGL

COORDINATE HISTORY

HORZ

VERT

Originating Project	78014	78014
Published	78-03-01	78-03-01
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1985-02-21

ON SW COR OF EDMONTON DRIVE AND JOHN LAURIE BLVD. NW;  
MONUMENT IS ON TOP OF BERM ON S. SIDE OF J. LAURIE BLVD.  
- 13.4 M W. OF S. PRODUCTION OF W. SIDE OF THIN MEDIAN  
SITUATED IN CENTRE OF EDMONTON DRIVE ON N. SIDE OF  
J. LAURIE BLVD.  
- 12.5 M S.W. OF A LIGHT POLE.  
- 19.5 M N. OF A SMALL SINGLE STRAND CABLE FENCE.  
30CM NE OF BARRIER FENCE; 13M SE OF MIDDLE OF PEDESTRIAN OVERPASS.

NON COORDINATE REVISIONS

1979-07-12	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

1993-07-07 1993-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 232

VERT

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.232 56614 8 232