

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 01.63973 dms
Longitude 114 03 41.30558 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 21204

Tablet Markings 646-4.215

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1050.938 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5647865.085 m
Easting -4317.933 m
Convergence -0 02 51.91 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
288001 646-4.216	182.991	1 49/2	0.999736	107 48 51.32	3.2	0.00
32946 646-4.209	219.178	1 46/2	0.999737	317 17 08.58	3.8	0.00
119008 646-4.208	241.343	1 46/2	0.999736	45 42 23.16	3.9	0.00
229013 646-4.241	248.879	1 36/2	0.999738	266 18 28.66	2.9	0.00
212944 646-4.90	313.239	1 35/2	0.999738	203 13 40.44	2.9	0.00
226621 646-4.210	316.242	1 32/1	0.999739	303 49 06.56	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-07-02

Meridian Defl,XI(+N) 3.6 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 AGL

COORDINATE HISTORY

HORZ VERT

Originating Project 72114 72114
Published 83-03-03 83-03-03

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

MARKER LOCATION

Updated: 1991-07-02

ON N.E. CORNER OF 96 AVE. & ALCOTT ROAD S.E.; 1.9 M. N OF N. B.O.W.
ON N SIDE OF 96 AVE. PROD. W.; 2.9 M. E OF E. B.O.W. ON E. SIDE OF
ALCOTT ROAD PROD. S.; 3.6 M. N.W. OF LIGHT STANDARD; 5.8 M. S.E. OF
CENTER OF CATCH BASIN; HOUSE # 9678 ALCOTT ROAD.

NON COORDINATE REVISIONS

1972-11-28 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
MARKER REPORTED IN GOOD CONDITION

1993-08-18 1994-01-05
1990-10-09 1991-07-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 215

VERT

99-08-16

0.013 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.215 56464 4 215