

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 20.03430 dms
Longitude 114 02 35.95517 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 778

Tablet Markings 646+00.114

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1045.543 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5648432.553 m
Easting -3042.536 m
Convergence -0 02 01.15 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
135939 646+00.115	249.703	1 44/2	0.999742	326 54 37.70	3.4	0.00
90480 646-0.116	255.857	1 51/2	0.999739	354 18 39.70	4.4	0.00
127167 646+00.111	402.730	1 42/2	0.999737	184 03 41.53	3.5	0.00
15396 646+00.112	408.423	1 44/2	0.999737	165 25 04.16	3.3	0.00
42903 646+00.118	421.197	1 38/2	0.999743	61 26 48.72	2.9	0.00
172734 646+00.117	463.791	1 26/1	0.999740	331 31 40.38	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY

HORZ

VERT

Originating Project 72113 72113
Published 72-11-20 72-11-20

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

MARKER LOCATION

Updated: 1972-11-28

IN MEDIAN ON BLACKFOOT TRAIL SOUTHEAST AND IN LINE WITH THE LANE BETWEEN ALLANDALE ROAD AND ACADEMY DRIVE PRODUCED EAST; 7.25 M EAST OF F.O.C. WEST SIDE OF MEDIAN; 0.1 M SOUTH OF AN EAST-WEST POWER LINE ON THE NORTH SIDE OF LANE PRODUCED EAST; 26.9 M SOUTHWEST OF THE 3RD LIGHT STANDARD ON EAST SIDE OF BLACKFOOT TRAIL THAT IS NORTH OF THE PEDESTRIAN OVERPASS.

NON COORDINATE REVISIONS

1972-11-28 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-01-22 TABLET MARKINGS CHANGED FROM
646+00114

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1993-03-29 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 114

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.114 56464 0 114