

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 57.61440 dms
Longitude 113 57 30.77689 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 88-02
Date Printed 2025-08-03
Last Updated 2019-03-25

ASCM 28167
Tablet Markings 652+4.200
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1058.727 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-08-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5655155.533 m
Easting 2907.420 m
Convergence 0 01 56.02 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

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)
353540 652+4.199	197.187	1	46/2	0.999737	71 42 12.15	3.6	0.00
315994 655+4.334	386.606	1	31/2	0.999737	327 52 02.13	2.6	0.00
355479	424.669	1	49/2	0.999735	239 07 55.17	3.2	0.00
378018 652+4.198	425.590	1	28/1	0.999736	81 28 24.23	2.3	0.00
153346 655+4.187	426.108	1	26/1	0.999738	38 34 00.24	2.2	0.00
240861 655+4.186	472.901	1	25/1	0.999737	25 04 28.19	2.0	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.9 s	2 s
Prime Vert Defl,ETA(+E)	4.1 s	2 s
Geoid_Ellip Separation	-16.37 m	1 m

MARKER TYPE

Updated: 1988-06-24

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-06-24

	HORZ	VERT
Originating Project	87080	87080
Published	89-11-20	89-11-20
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

NW COR. OF 52 ST. SE AND R.R. TRACKS
10 CM W OF FOC
24.3 M SE OF NW P/L (STEEL FENCE) OF C.N.R. TRACKS PROD. SW
5.8 M NW OF NW RAIL OF TRACKS
8.4 M N (ALONG FOC) OF NW RAIL
8.27 M S OF SE COR CEMENT BLOCK FOR TRAIN SIGNAL POLE

NON COORDINATE REVISIONS

Date	Description
1988-06-24	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
1988-06-24	INSTALLATION DATE ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1992-08-16 1992-09-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED