

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 47.10041 dms  
Longitude 114 22 24.08248 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 25320

Tablet Markings 661-24.4

Date Printed 2025-08-03  
Last Updated 2024-12-02

Mapsheet Name CALGARY K  
Mapsheet Number 5661 - 024

Vert Datum CVD28 Updated: 1998-11-18  
Elevation 1198.947 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 24-09-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662312.039 m  
Easting -26151.731 m  
Convergence -0 17 25.98 dms  
Station Ellipsoid Factor 0.999815  
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
927780 715102	265.697	1 68/2	0.999723	273 27 40.02	5.6	0.00
453951 661-24.8	277.680	1 40/2	0.999725	91 37 06.79	3.4	0.00
149203 661-24.3	393.159	1 36/2	0.999725	90 15 57.20	2.9	0.00
816918 715301	415.362	1 72/2	0.999724	320 34 22.44	4.7	-0.02
11718 661-24.2	720.074	1 29/2	0.999724	90 16 33.11	2.5	0.00
962159 715103	787.175	1 28/2	0.999723	89 10 43.89	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2024-12-02

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 8.6 s 2 s  
Geoid\_Ellip Separation -15.54 m 1 m

25CM X 9.2M STEEL PIPE FILLED WITH CONCRETE DRIVEN TO A DEPTH OF 8M WITH A  
STAINLESS STEEL PLATE CEMENTED ON TOP. 1.33 M AGL.

MARKER LOCATION

Updated: 1997-10-03

COORDINATE HISTORY

	HORZ	VERT
Originating Project	79043	79043
Published	83-09-01	83-09-01
Revising Project	NAD83	96005
Published	94-05-24	98-11-18
Revising Project		
Published		
Revising Project		
Published		

LOCATED NEAR THE SW CORNER OF SEC 4-25-3-5;  
27.7 M EAST OF THE C/L OF A N-S ROAD (AIRPORT ROAD);  
28.3 M NORTH OF THE C/L OF AN E-W ROAD (OLD BANFF COACH ROAD);  
5.2 M NORTH OF AN E-W FENCE ALONG THE NORTH BDY OF THE E-W ROAD;  
ON PRIVATE PROPERTY.

NOTE: ELEVATION IS REEFERRED TO THE TOP OF THE STAINLESS STEEL PLATE.

NON COORDINATE REVISIONS

DATE	DESCRIPTION
1980-02-12	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND "MAPSHEET NO" CHANGED
2001-12-10	SEE 'HISTORICAL/OTHER MARKER NAMES'
1992-09-01	NGDB NUMBER ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2024-09-08	2024-12-02
MARKER REPORTED IN GOOD CONDITION	2008-07-15	2008-08-01
MARKER REPORTED IN GOOD CONDITION	2005-01-27	2005-03-30
MARKER REPORTED IN GOOD CONDITION	1999-09-11	1999-09-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 24 4 NGDB # 77X1058  
NGDB NAME 661-24.4  
HISTORY 56614 24 4

98-11-18 0.038 m ELEV REV-BETTER INTEGRATION TO CCS DBM NET