

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

Horz Datum NAD83      Updated: 1994-05-24 Latitude    51 07 05.52095 dms Longitude   113 58 54.43594 dms Horz Class INTEGRATED    , ORDER 1	Marker Installed    73-03  Date Printed        2025-08-03 Last Updated        2020-01-09	ASCM            49221  Tablet Markings    664+04.22  Mapsheet Name    CALGARY B Mapsheet Number   5664 + 004
Vert Datum CVD28      Updated: 1974-05-17 Elevation    1088.800 m Vert Class NOT INTEGRATED, NON-SIMUL TRIG	For current information call Geodetic Survey (780) 427-3143      FAX: (780) 427-1493	
	Marker Condition	GOOD            15-11-17

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3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated: 2020-01-09
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Scale Factor    0.999900    At Ref Mer 114  Northing    5664669.066 m Easting       1275.078 m Convergence    0 00 51.04 dms Station Ellipsoid Factor 0.999832 Station Combined Factor   0.999732	<table border="0"> <tr> <th style="text-align: left;">ASCM Tablet To Markings</th> <th style="text-align: left;">Horizontal Distance (m) (cm)</th> <th style="text-align: left;">Std Dev Order</th> <th style="text-align: left;">Grid/ Grnd Factor</th> <th style="text-align: left;">Grid Bearing (dms)</th> <th style="text-align: left;">Std Dev (s)</th> <th style="text-align: left;">T-t Corr (s)</th> </tr> <tr> <td>60905 664+04.23</td> <td>400.542</td> <td>1 30/1</td> <td>0.999732</td> <td>94 28 45.71</td> <td>2.5</td> <td>0.00</td> </tr> <tr> <td>273623 661+04.42</td> <td>687.528</td> <td>1 22/1</td> <td>0.999732</td> <td>146 14 28.90</td> <td>1.8</td> <td>0.00</td> </tr> <tr> <td>36368 DOT702340</td> <td>729.058</td> <td>1 19/1</td> <td>0.999732</td> <td>266 44 59.22</td> <td>1.5</td> <td>0.00</td> </tr> <tr> <td>237545 664+04.21</td> <td>741.626</td> <td>1 22/1</td> <td>0.999732</td> <td>266 48 19.94</td> <td>1.9</td> <td>0.00</td> </tr> <tr> <td>4804 661+4.44</td> <td>899.864</td> <td>1 18/1</td> <td>0.999732</td> <td>178 43 36.33</td> <td>1.4</td> <td>0.00</td> </tr> <tr> <td>13037 664+04.32</td> <td>923.392</td> <td>1 19/1</td> <td>0.999731</td> <td>326 28 39.85</td> <td>1.6</td> <td>0.00</td> </tr> </table>	ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	60905 664+04.23	400.542	1 30/1	0.999732	94 28 45.71	2.5	0.00	273623 661+04.42	687.528	1 22/1	0.999732	146 14 28.90	1.8	0.00	36368 DOT702340	729.058	1 19/1	0.999732	266 44 59.22	1.5	0.00	237545 664+04.21	741.626	1 22/1	0.999732	266 48 19.94	1.9	0.00	4804 661+4.44	899.864	1 18/1	0.999732	178 43 36.33	1.4	0.00	13037 664+04.32	923.392	1 19/1	0.999731	326 28 39.85	1.6	0.00	
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GEOID DATA (GSD95)      Updated: 96-01-06

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Component                      Magnitude    Std Dev	MARKER TYPE	Updated: 1995-05-15
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Meridian Defl,XI(+N)      2.6    s      2    s Prime Vert Defl,ETA(+E)    4.8    s      2    s Geoid_Ellip Separation -16.45 m      1    m	ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG <div style="text-align: right;">20 CM WEST OF GP</div>	
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COORDINATE HISTORY                      HORZ                      VERT	MARKER LOCATION	Updated: 1995-05-15
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Originating Project                      73124                      73124 Published                      74-05-17                      74-05-17	MONUMENT IS LOCATED ON WEST SIDE OF 36 STREET JUST NORTH OF E-W 1/4 LINE FENCE LINE OF 9-25-29-4 NE; 37.5 M NORTH OF E-W 1/4 LINE FENCE LINE; 0.6 M WEST OF WEST BOUNDARY OF 36 STREET FENCE LINE.	
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Revising Project                      NAD83  
 Published                      94-05-24  
 Revising Project  
 Published  
 Revising Project  
 Published

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NON COORDINATE REVISIONS

1983-04-19    FIRST MARKER LOCATION DESCRIPTION ENTERED	MARKER CONDITION COMMENTS	Inspected                      Updated
2003-03-12    "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION	2015-11-17    2016-03-17 1994-04-08    1995-05-15

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24                                      ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56643    4    22

HISTORY                                      56643    4    22