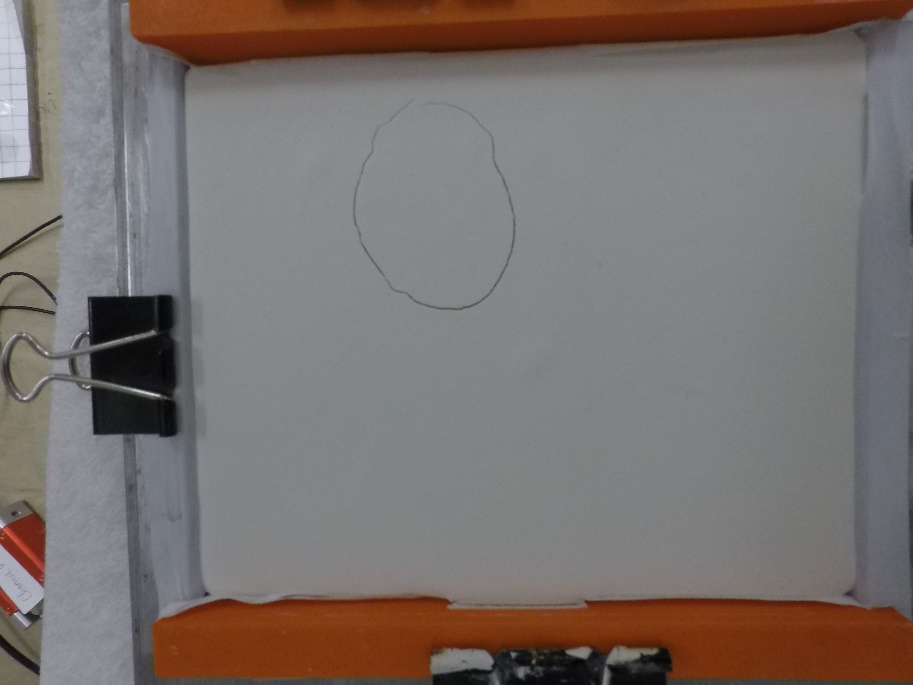
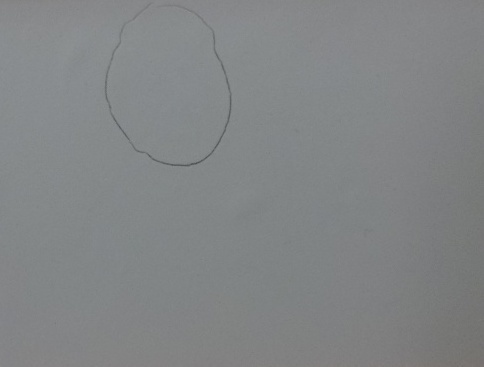
Crack Analysis:

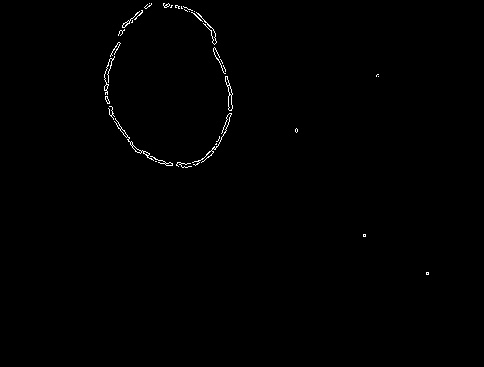
Test with circular cracking:



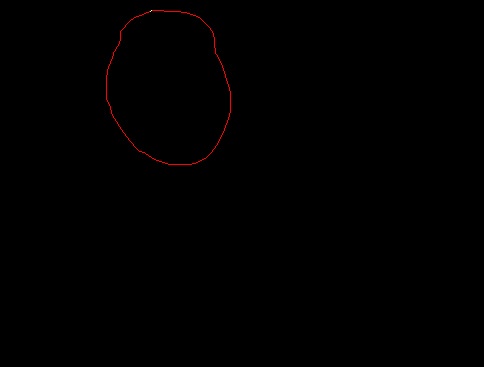
Cropped Image:



Canny Edge Detection:



Final Image highlighting added length:



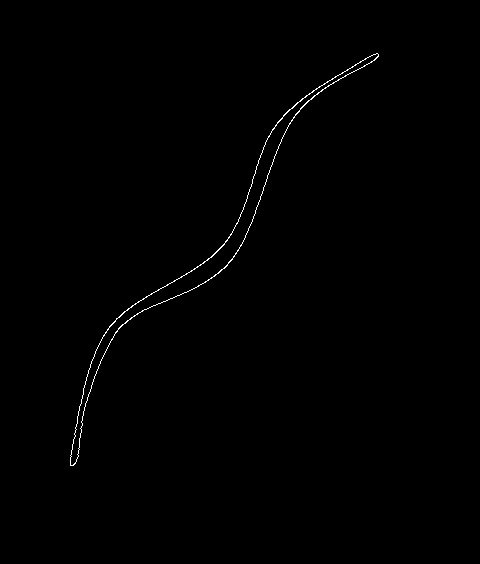
Output:

Length 1 (Red): 9.850 inches

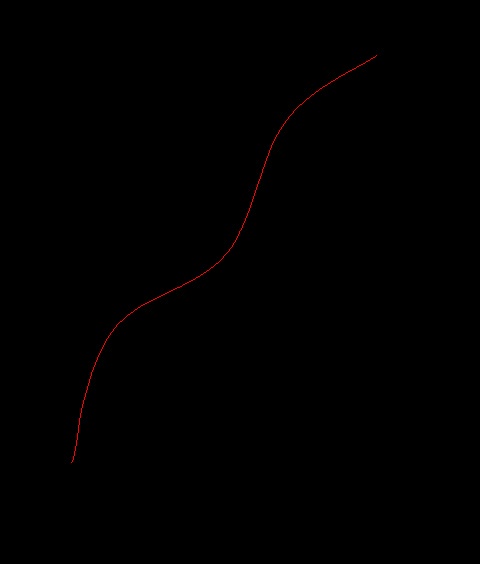
Testing with a variable width:



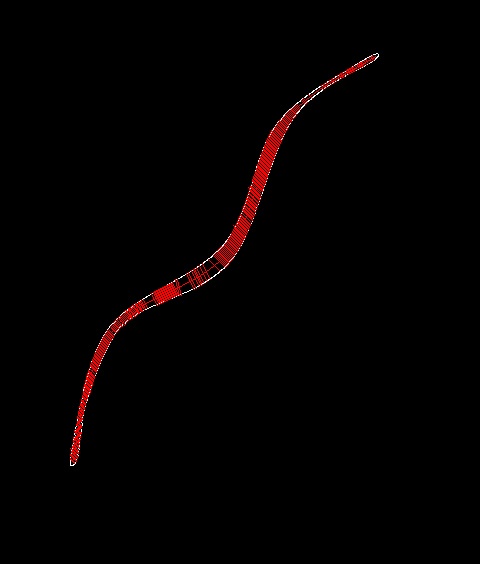
Canny Edge Detection:



Final Image highlighting added length:



Slopes:



Output:

Length 1 (Red): 11.899 inches