IMAGE ANALYSIS AND COMPUTER VISION PROJECT

BACKGROUND SUBTRACTION

Results report:

Webcam: A08 - km. 5,6 - Milano Nord itinere Nord

Threshold = 40

Ratio = 0.7

Andrea Mazzeo - 895579
Daniele Moltisanti - 898977

BACKGROUND DETECTION NUMBER 0 WITH THRESHOLD OF 10
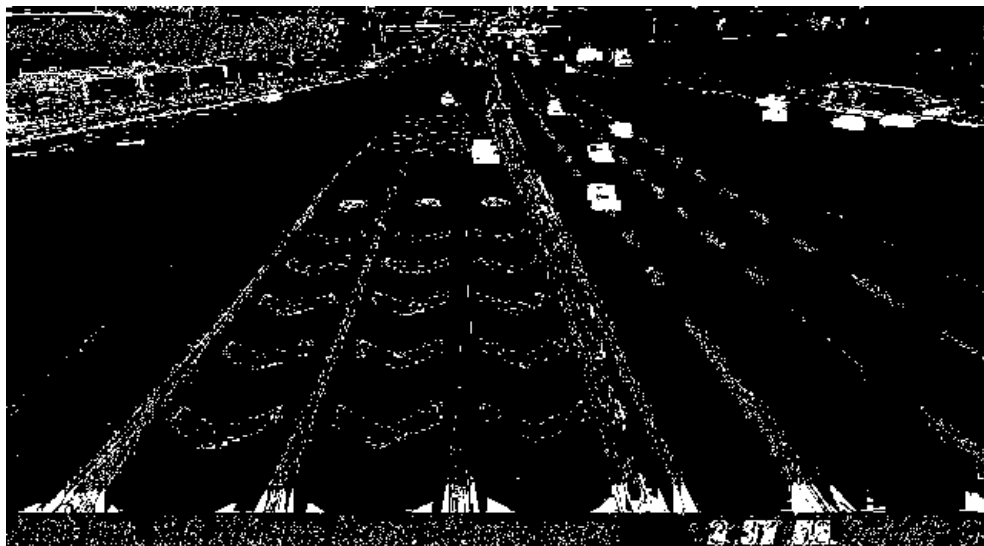
Background detected with accuracy of 94.04%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 10
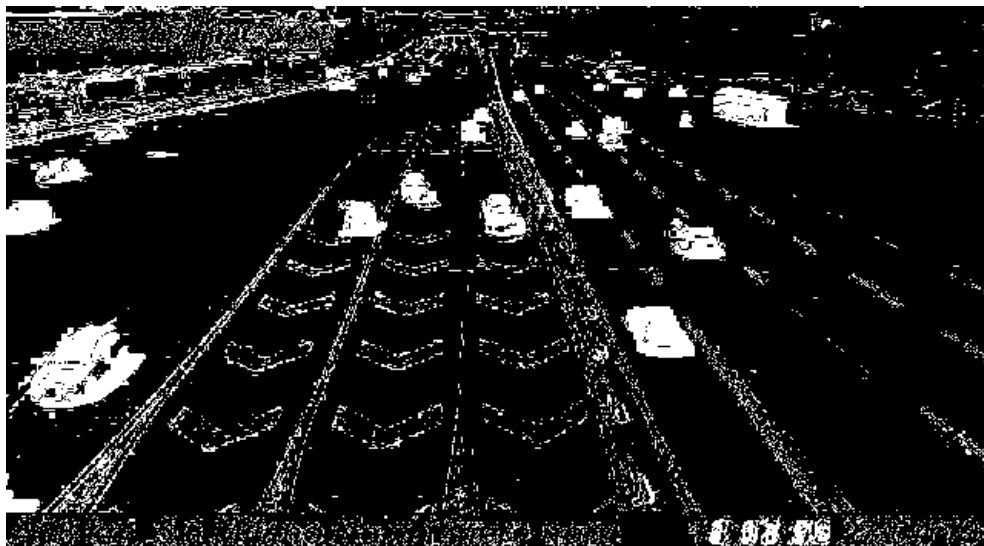
Background detected with accuracy of 90.15%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 10
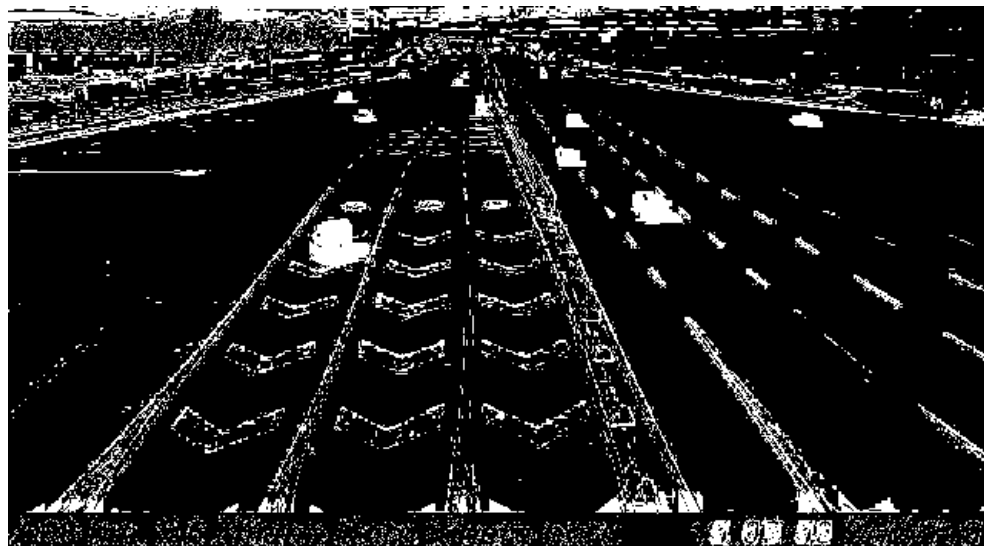
Background detected with accuracy of 90.65%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 10
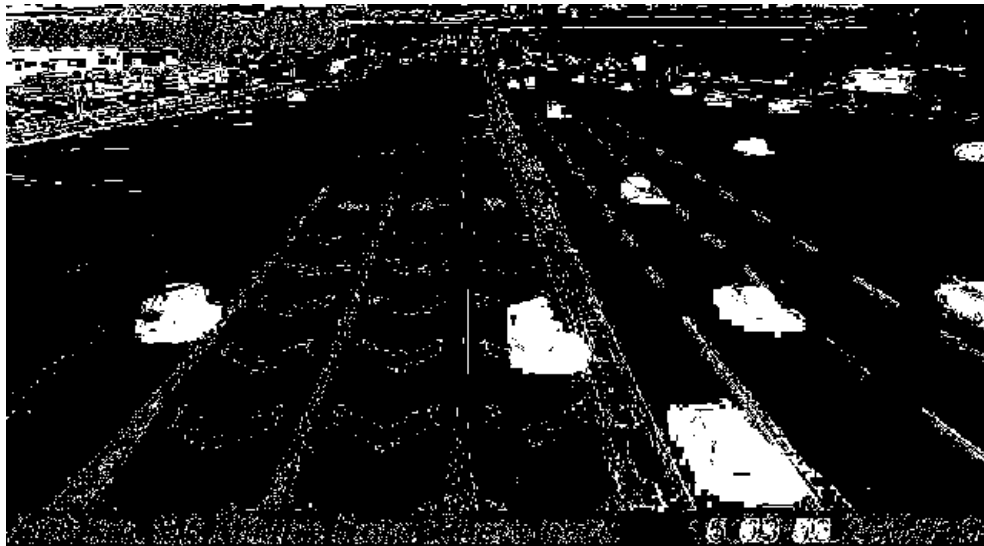
Background detected with accuracy of 90.48%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 4 WITH THRESHOLD OF 10
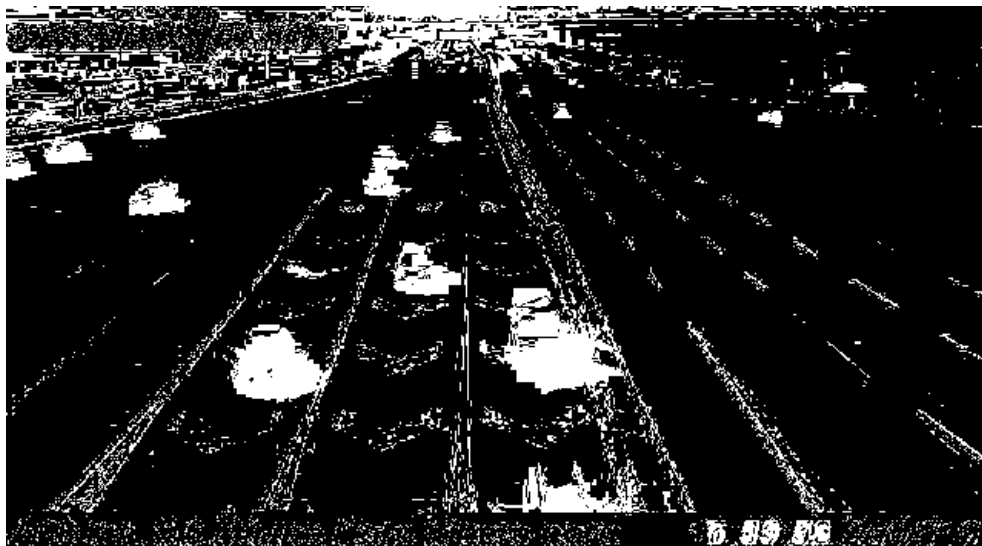
Background detected with accuracy of 89.1%

Original frame:

autostrade // per l'italia

A08 km. 5,6 Milano Nord itinere nord   17:11:42 27/04/19

Background detected:

autostrade // per l'italia

A08 km. 5,6 Milano Nord itinere nord   16:39:53 27/04/19

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 5 WITH THRESHOLD OF 10

Background detected with accuracy of 83.87%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 6 WITH THRESHOLD OF 10
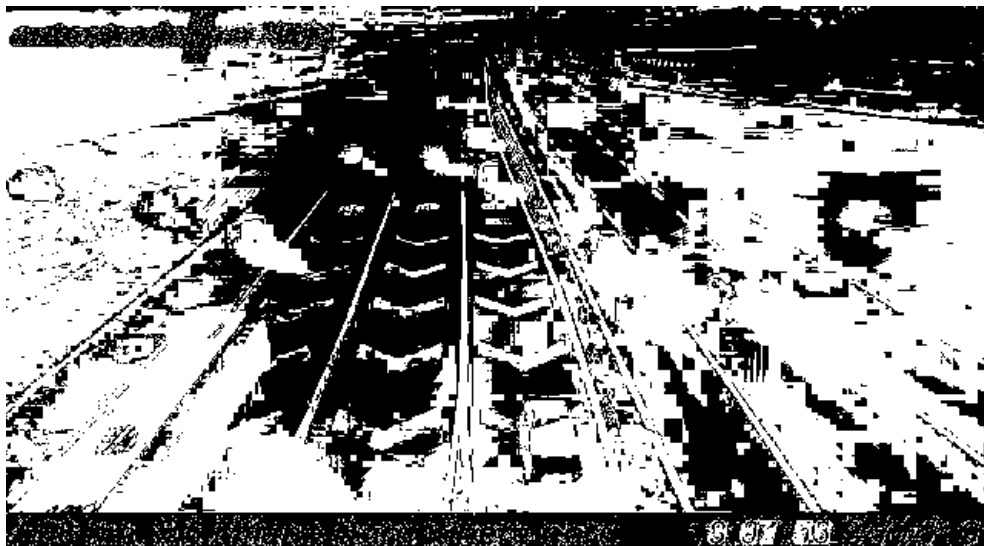
Background detected with accuracy of 47.15%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 7 WITH THRESHOLD OF 10
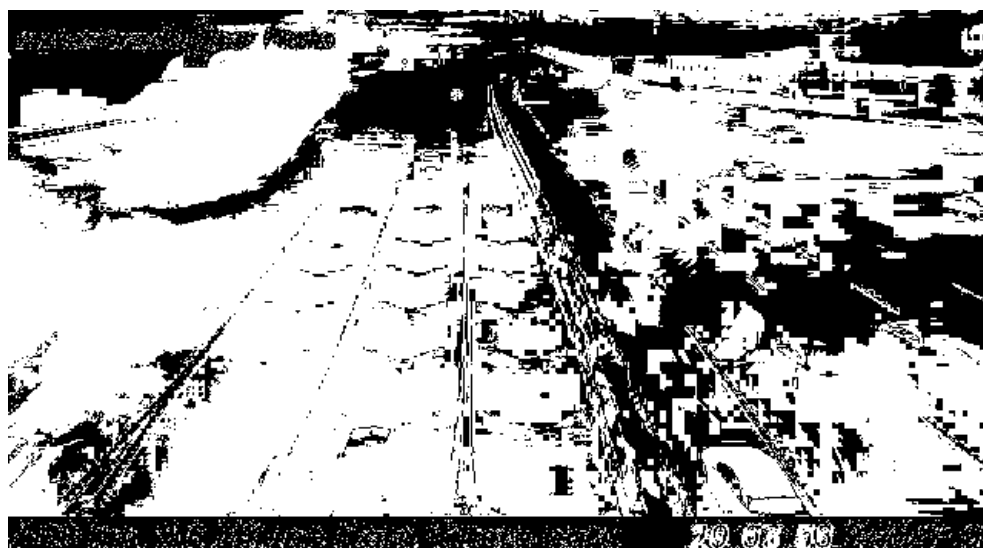
Background detected with accuracy of 36.81%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 8 WITH THRESHOLD OF 10
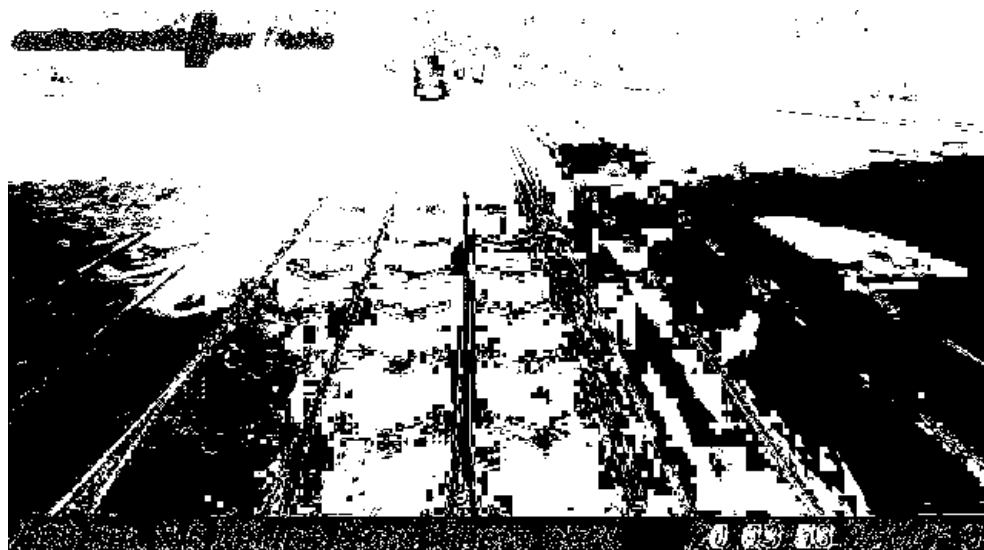
Background detected with accuracy of 47.26%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 9 WITH THRESHOLD OF 10
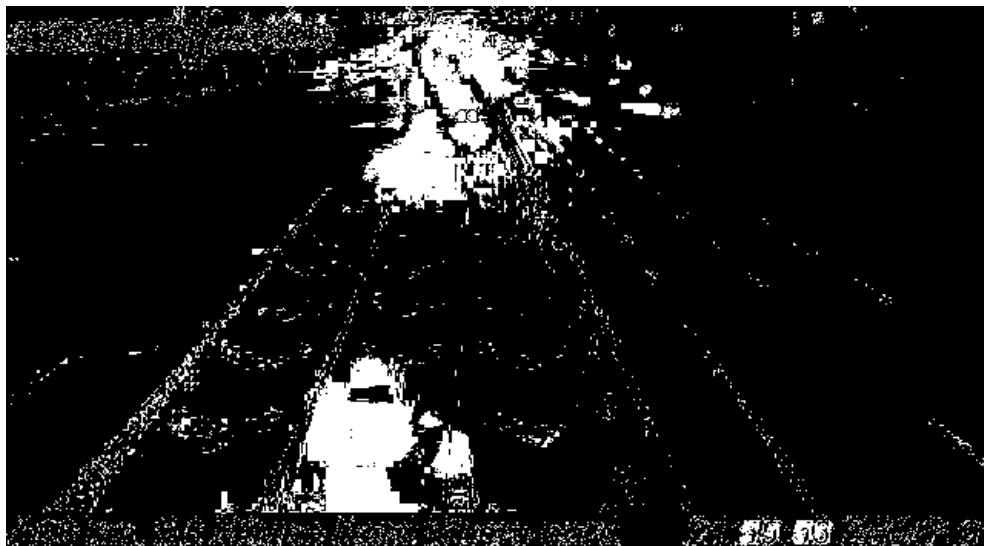
Background detected with accuracy of 91.34%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 10 WITH THRESHOLD OF 10
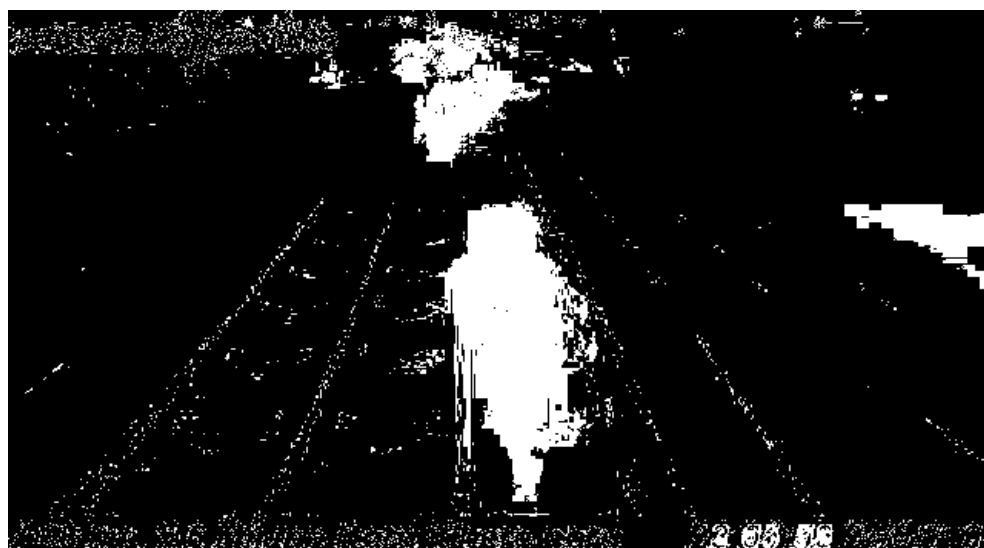
Background detected with accuracy of 90.98%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 11 WITH THRESHOLD OF 10
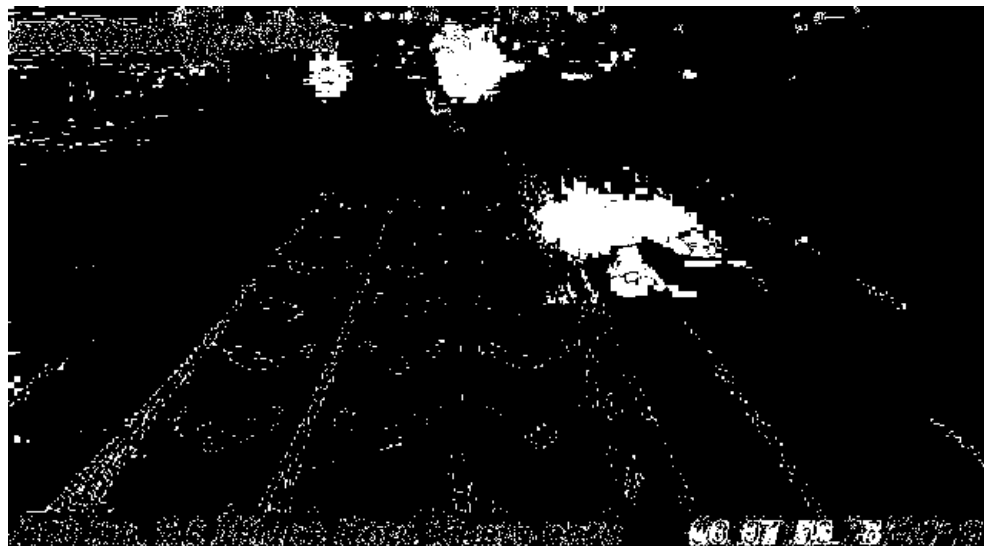
Background detected with accuracy of 94.76%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 12 WITH THRESHOLD OF 10
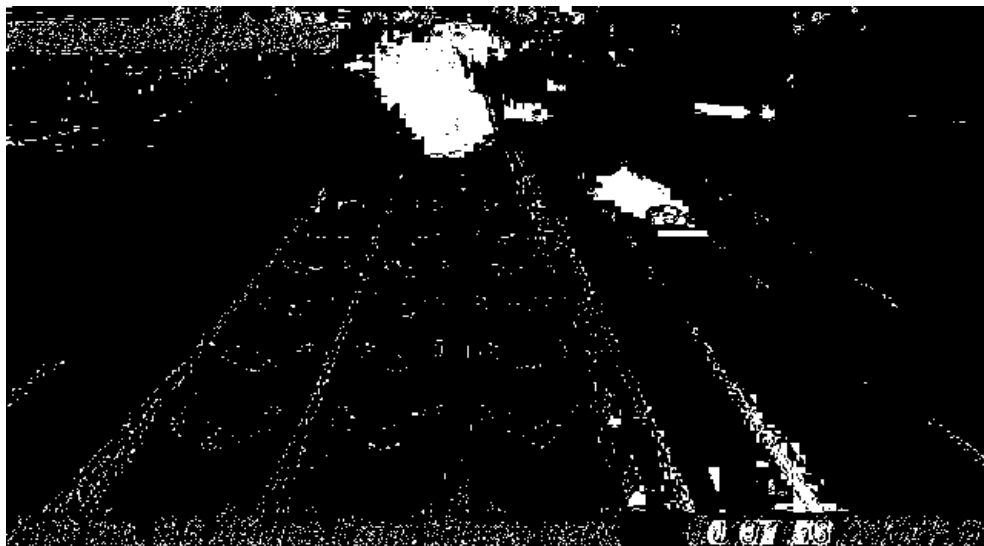
Background detected with accuracy of 94.92%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 13 WITH THRESHOLD OF 10
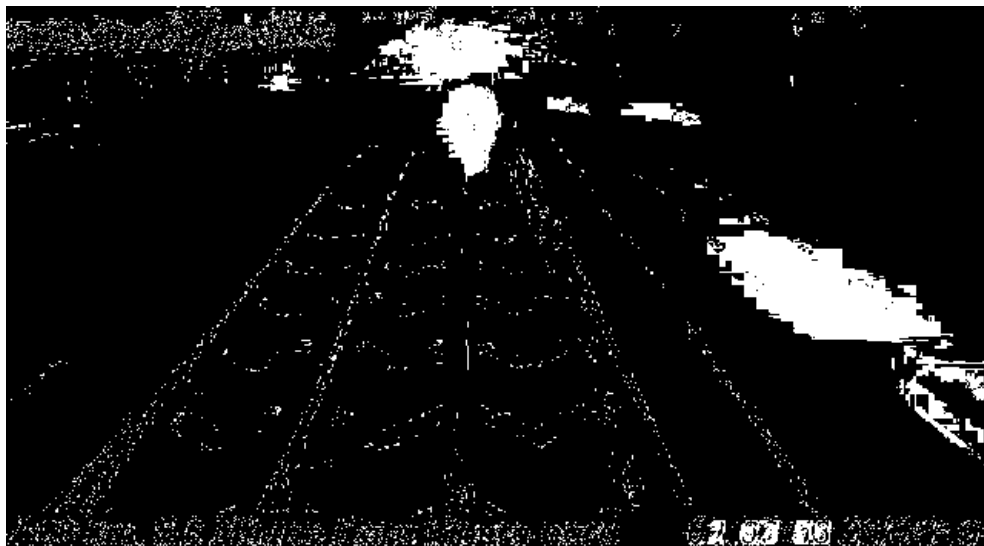
Background detected with accuracy of 93.07%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 14 WITH THRESHOLD OF 10
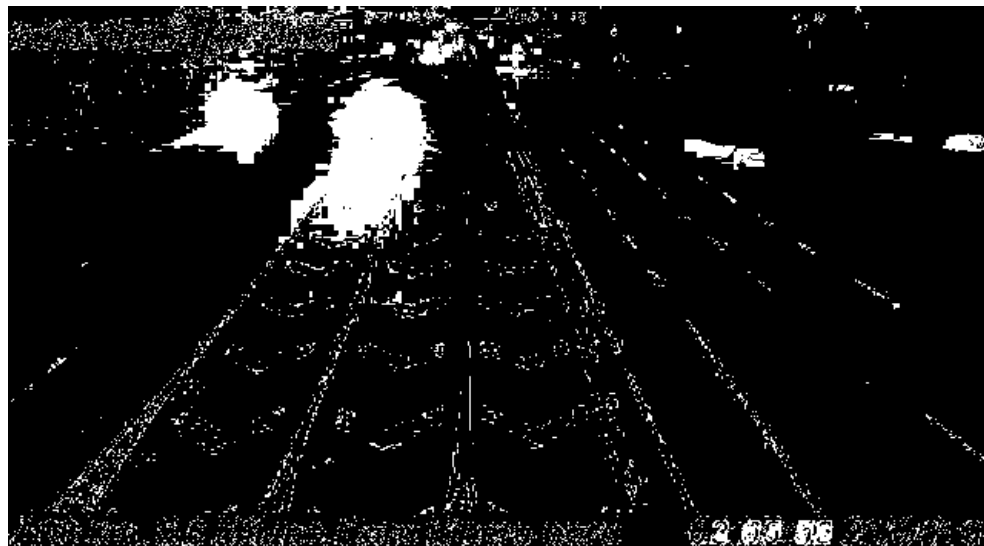
Background detected with accuracy of 93.39%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 15 WITH THRESHOLD OF 10
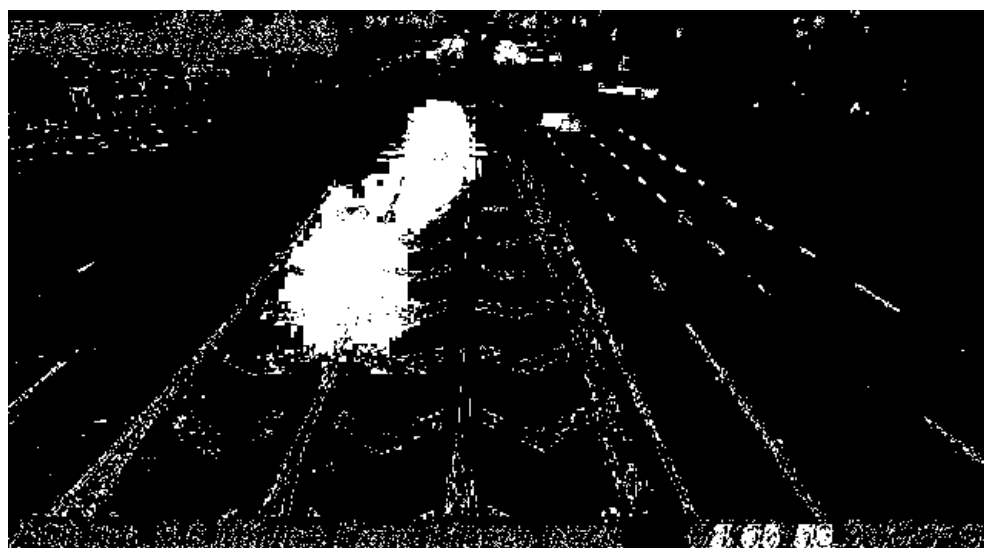
Background detected with accuracy of 92.38%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 16 WITH THRESHOLD OF 10
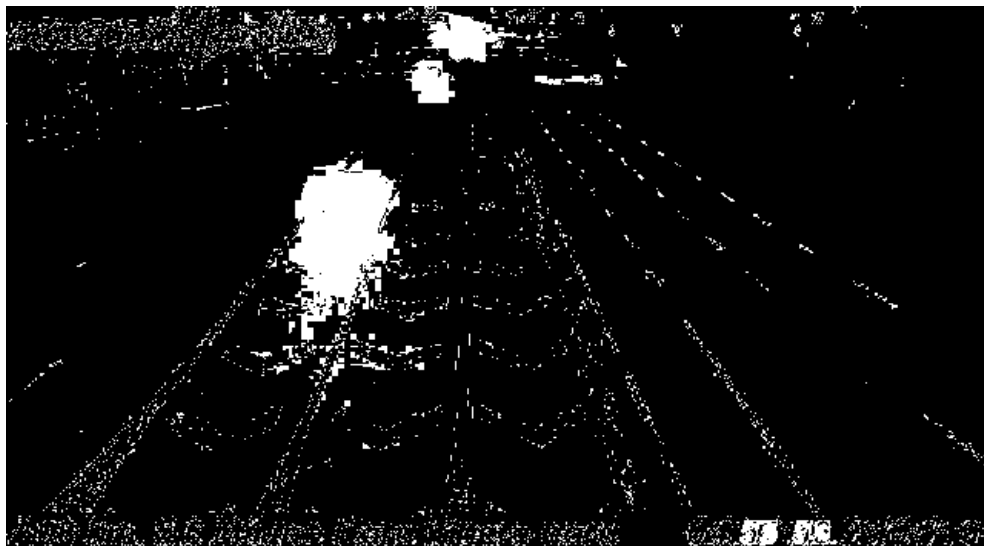
Background detected with accuracy of 94.91%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 17 WITH THRESHOLD OF 10
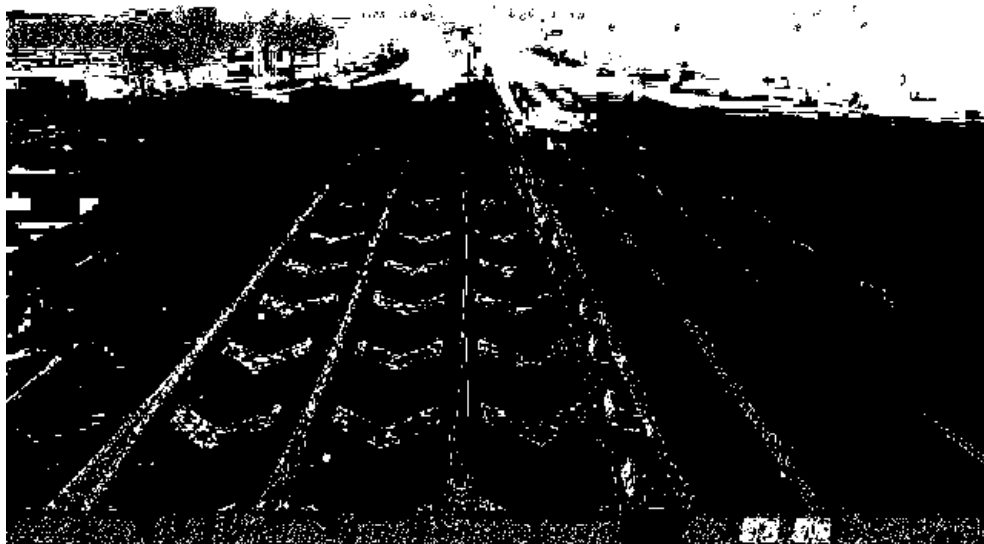
Background detected with accuracy of 84.77%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 18 WITH THRESHOLD OF 10
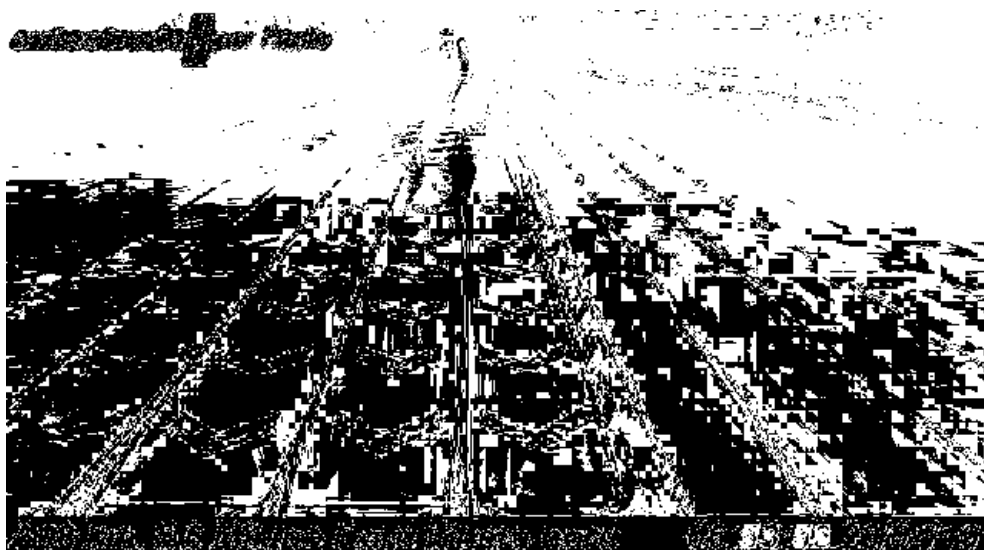
Background detected with accuracy of 57.03%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 19 WITH THRESHOLD OF 10
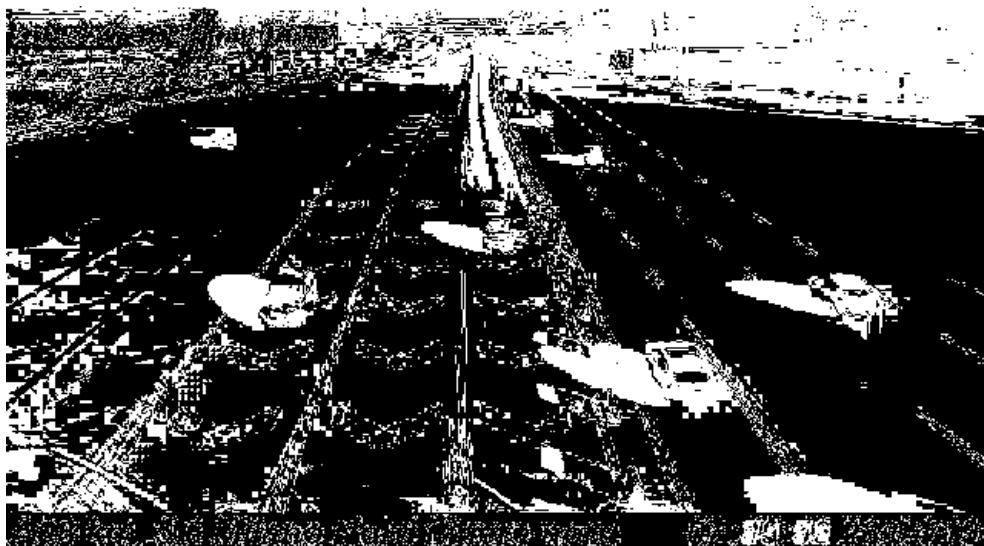
Background detected with accuracy of 76.29%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 20 WITH THRESHOLD OF 10

Background detected with accuracy of 87.91%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 21 WITH THRESHOLD OF 10
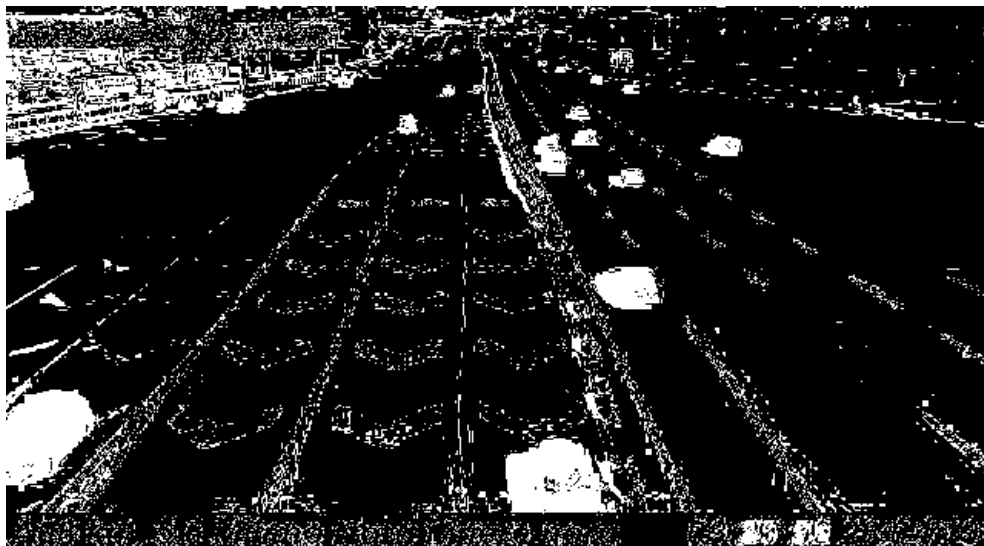
Background detected with accuracy of 88.81%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 22 WITH THRESHOLD OF 10
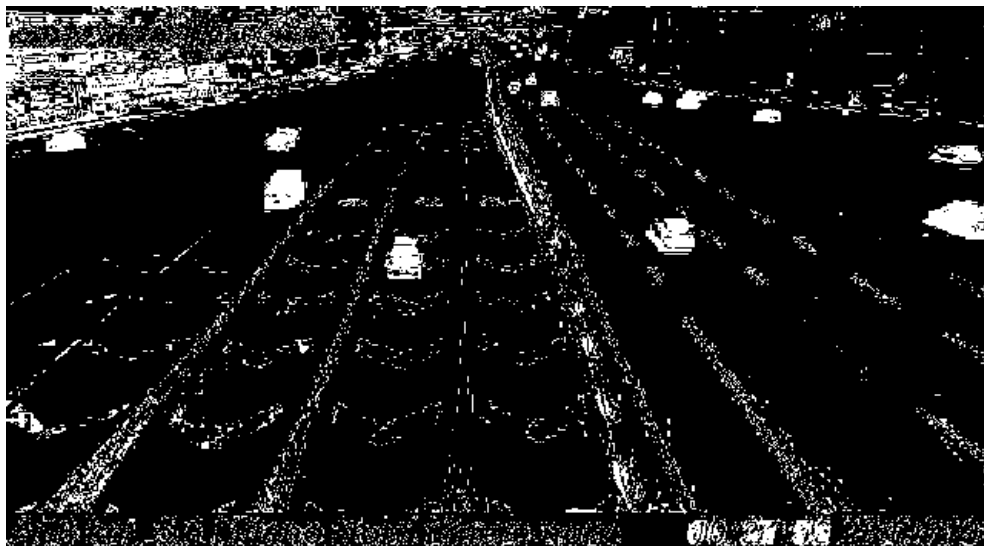
Background detected with accuracy of 91.74%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 23 WITH THRESHOLD OF 10

Background detected with accuracy of 83.68%

Original frame:

Background detected:

Error plotted with threshold of 10: