IMAGE ANALYSIS AND COMPUTER VISION PROJECT

BACKGROUND SUBTRACTION

Results report:

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

Threshold = 40

Ratio = 1

Andrea Mazzeo - 895579
Daniele Moltisanti - 898977

BACKGROUND DETECTION NUMBER 0 WITH THRESHOLD OF 15
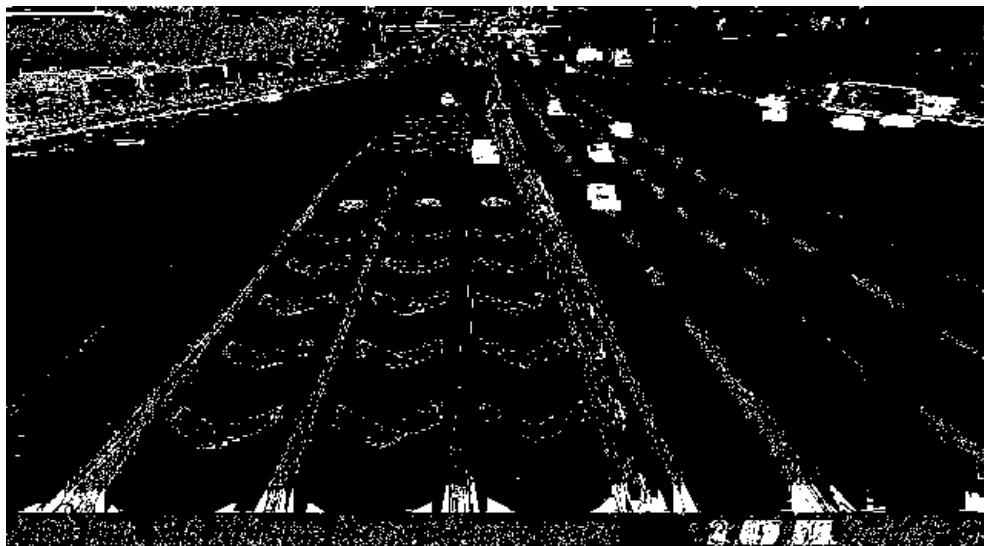
Background detected with accuracy of 96.98%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 15
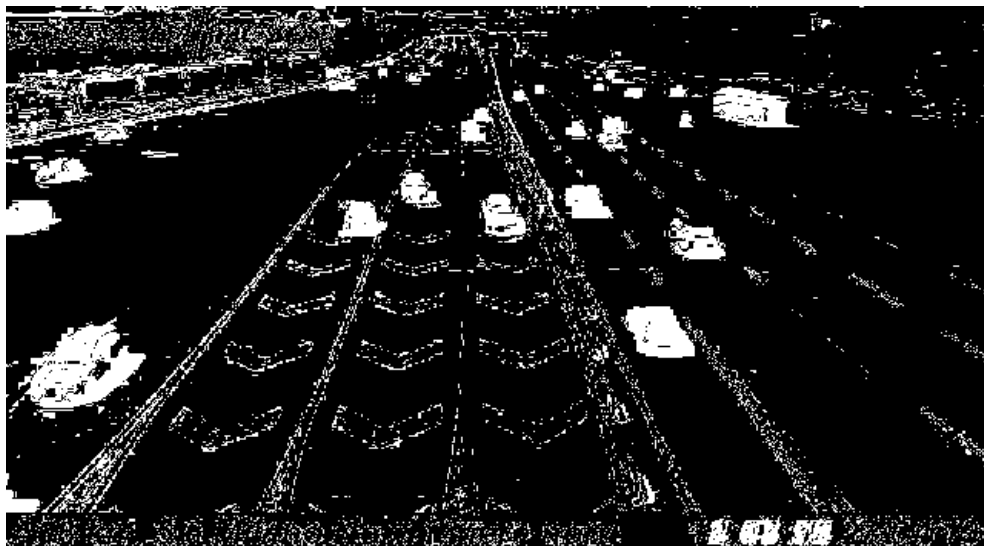
Background detected with accuracy of 93.8%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 15
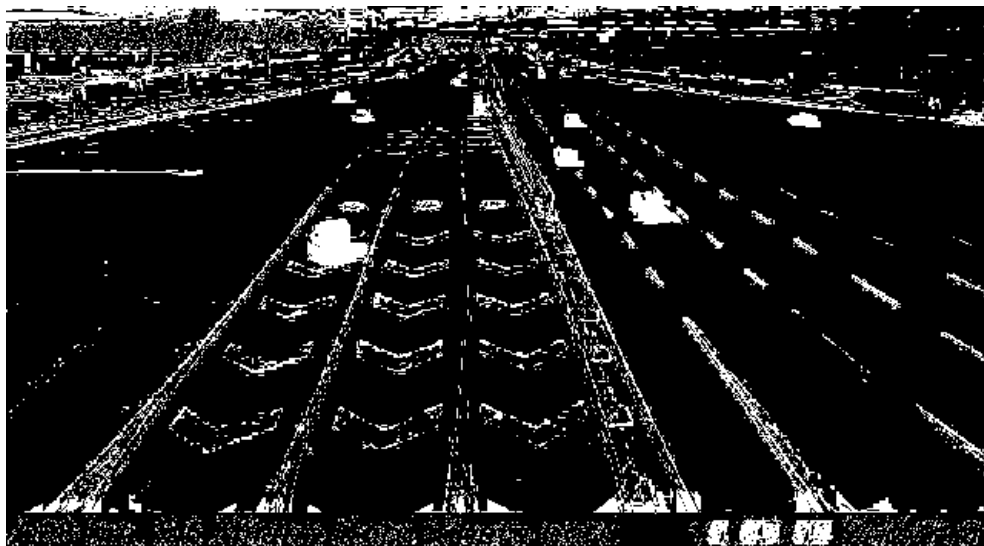
Background detected with accuracy of 95.31%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 15
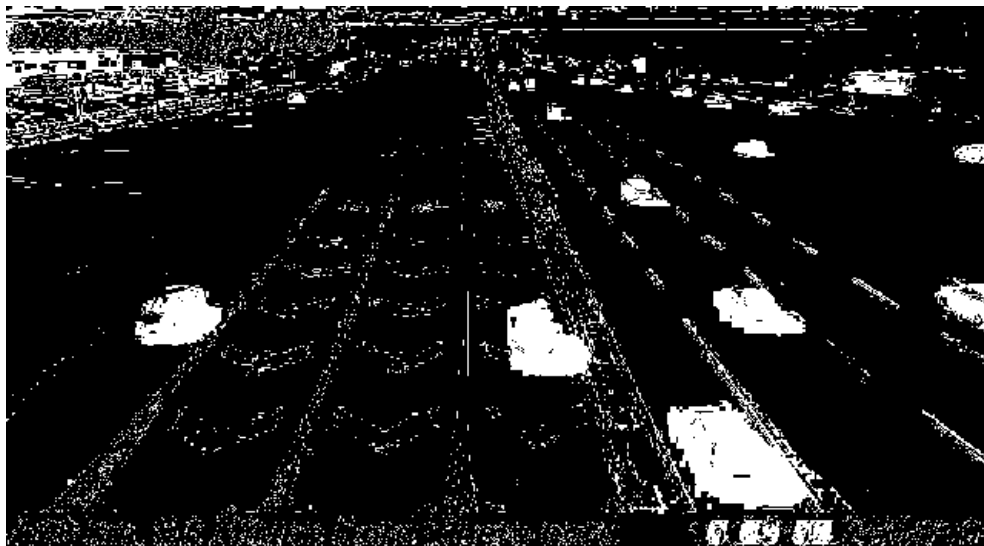
Background detected with accuracy of 94.41%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 4 WITH THRESHOLD OF 15
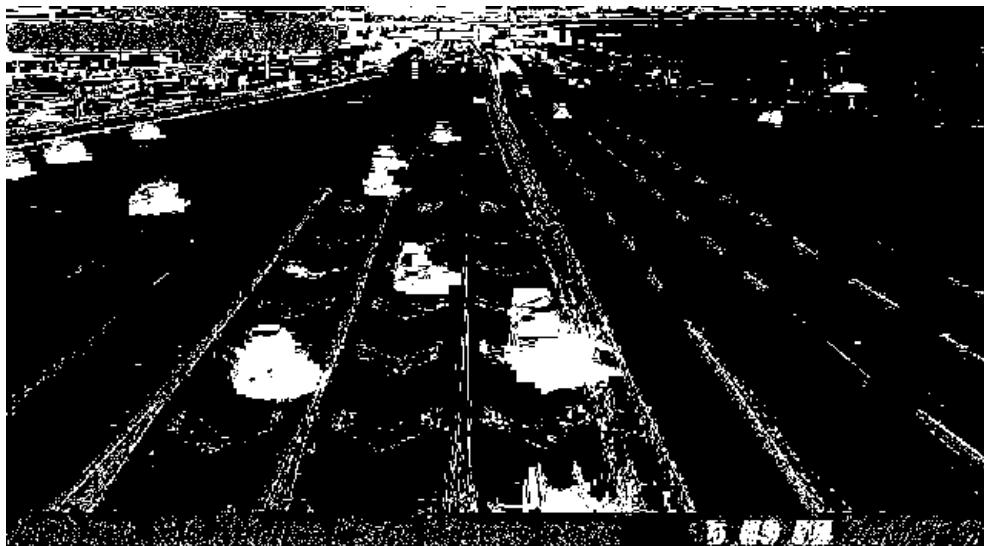
Background detected with accuracy of 94.7%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 5 WITH THRESHOLD OF 15

Background detected with accuracy of 92.5%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 6 WITH THRESHOLD OF 15
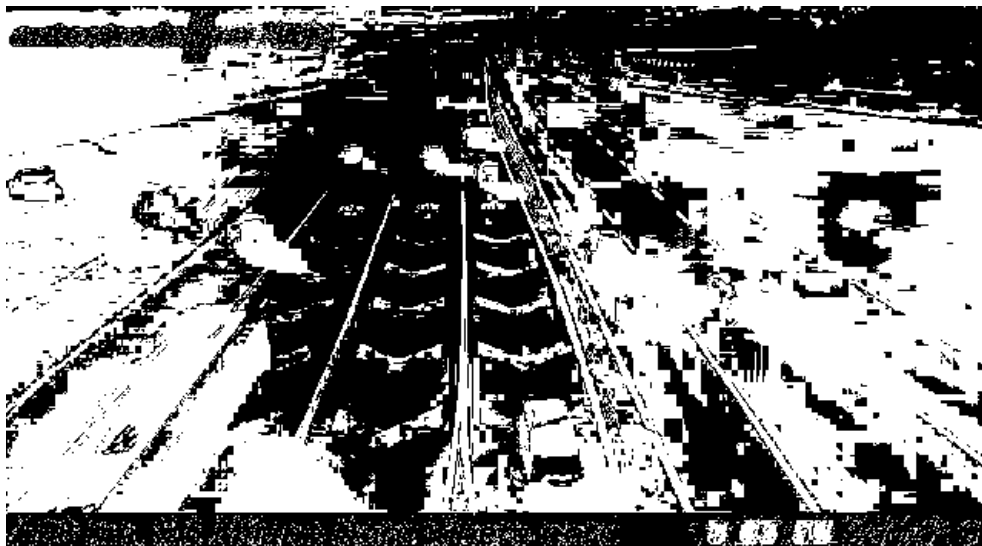
Background detected with accuracy of 75.22%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 7 WITH THRESHOLD OF 15

Background detected with accuracy of 65.73%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 8 WITH THRESHOLD OF 15
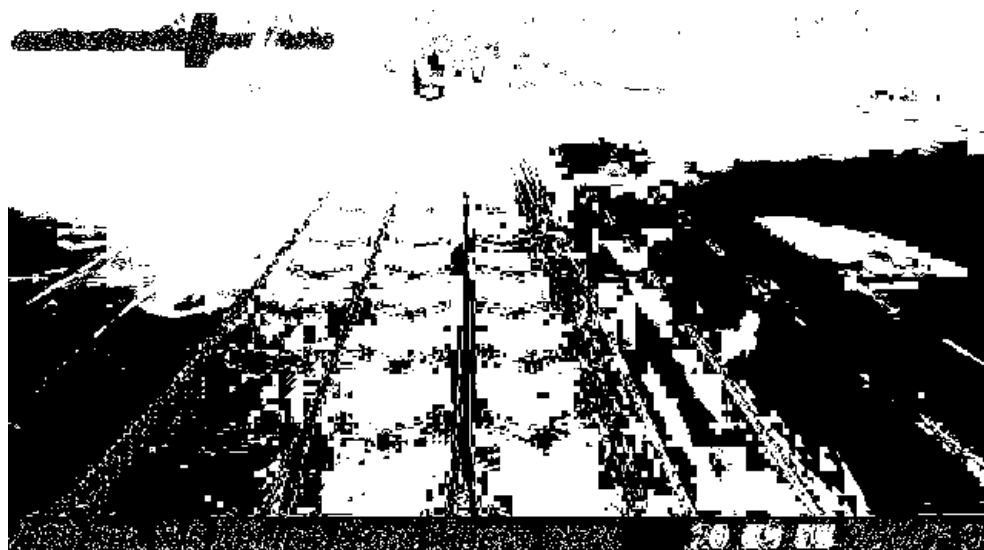
Background detected with accuracy of 66.29%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 9 WITH THRESHOLD OF 15

Background detected with accuracy of 91.16%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 10 WITH THRESHOLD OF 15
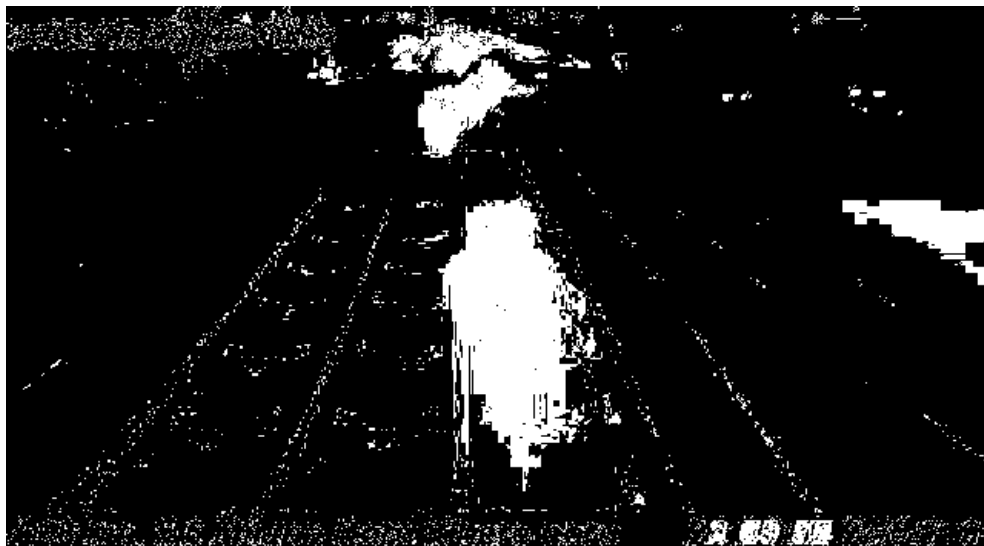
Background detected with accuracy of 94.81%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 11 WITH THRESHOLD OF 15
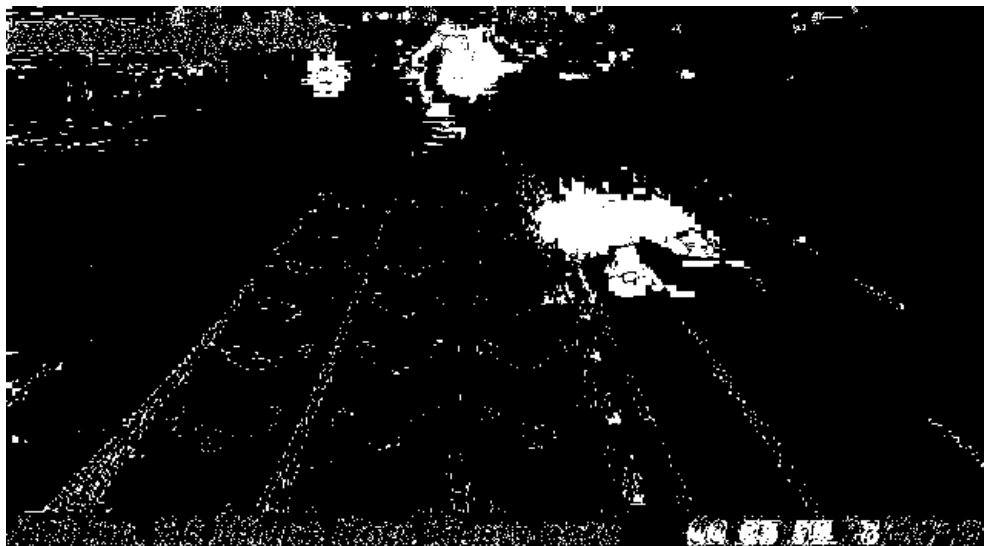
Background detected with accuracy of 97.27%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 12 WITH THRESHOLD OF 15
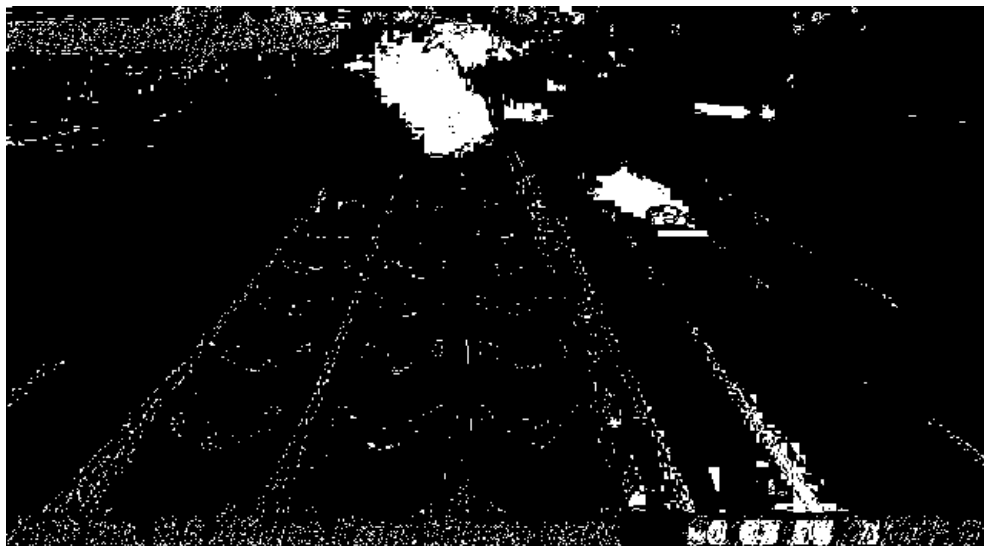
Background detected with accuracy of 97.17%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 13 WITH THRESHOLD OF 15
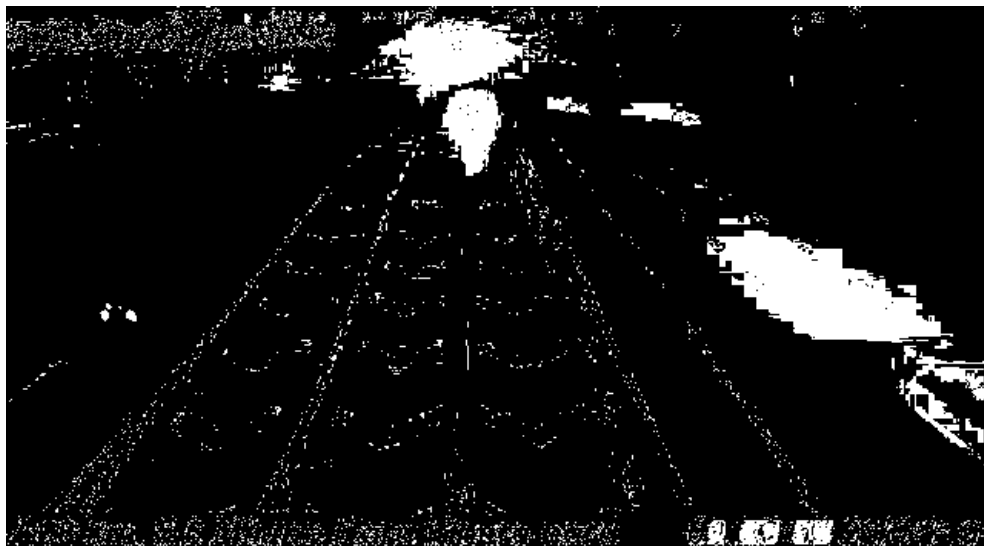
Background detected with accuracy of 96.21%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 14 WITH THRESHOLD OF 15
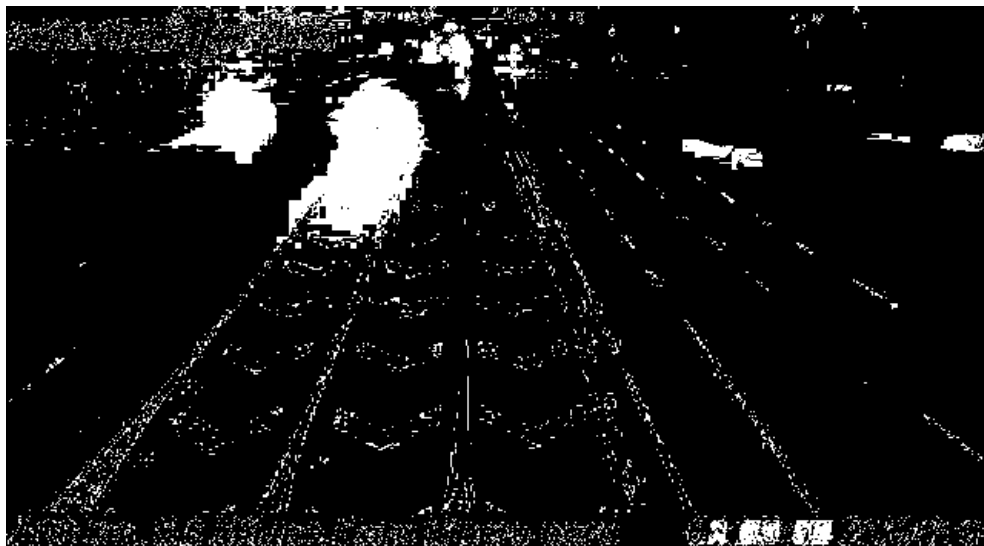
Background detected with accuracy of 96.43%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 15 WITH THRESHOLD OF 15
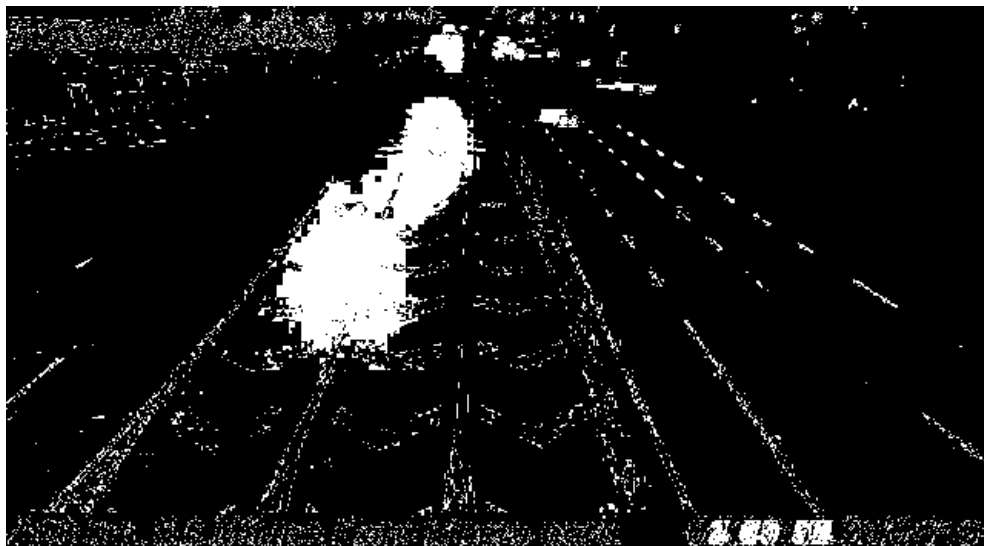
Background detected with accuracy of 95.71%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 16 WITH THRESHOLD OF 15
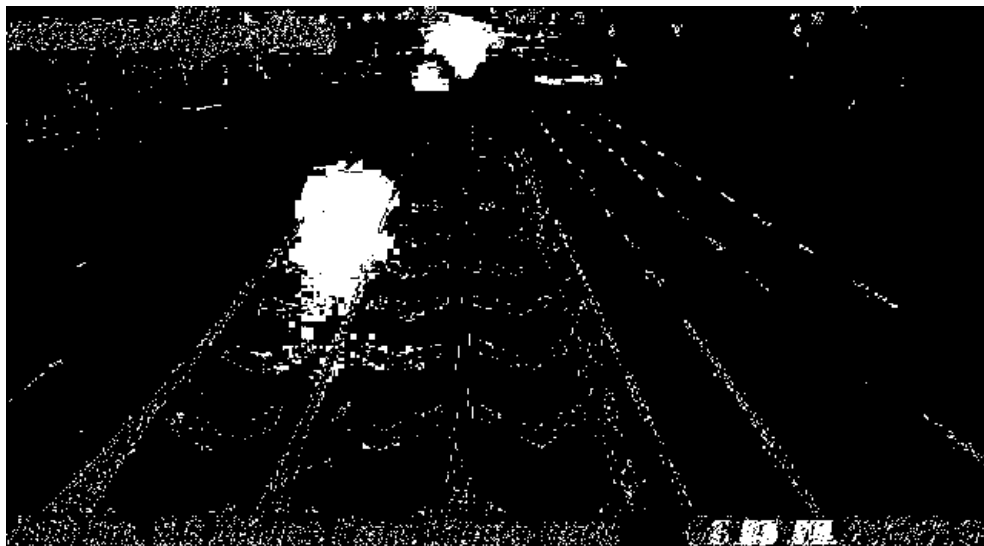
Background detected with accuracy of 97.35%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 17 WITH THRESHOLD OF 15

Background detected with accuracy of 92.34%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 18 WITH THRESHOLD OF 15

Background detected with accuracy of 71.95%
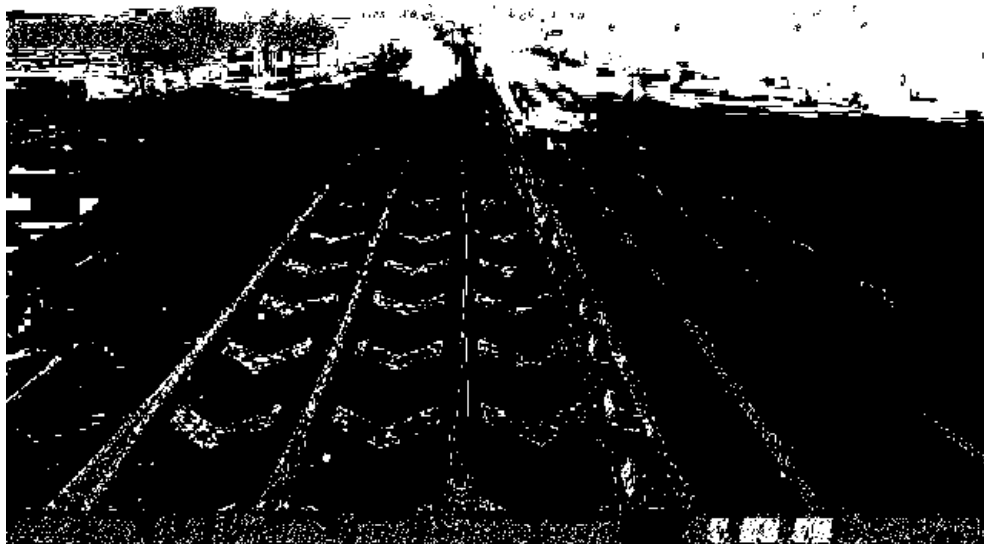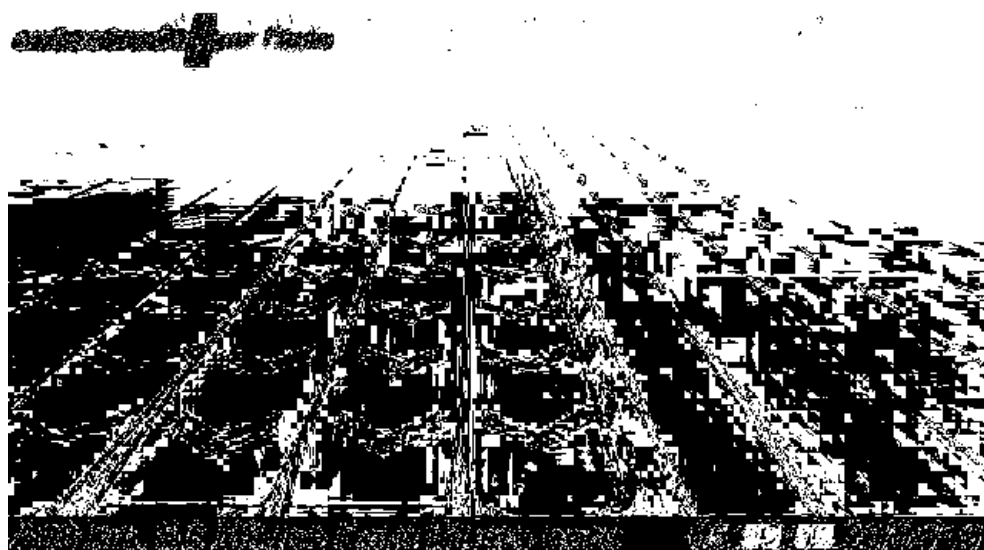
Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 19 WITH THRESHOLD OF 15

Background detected with accuracy of 85.93%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 20 WITH THRESHOLD OF 15

Background detected with accuracy of 93.69%
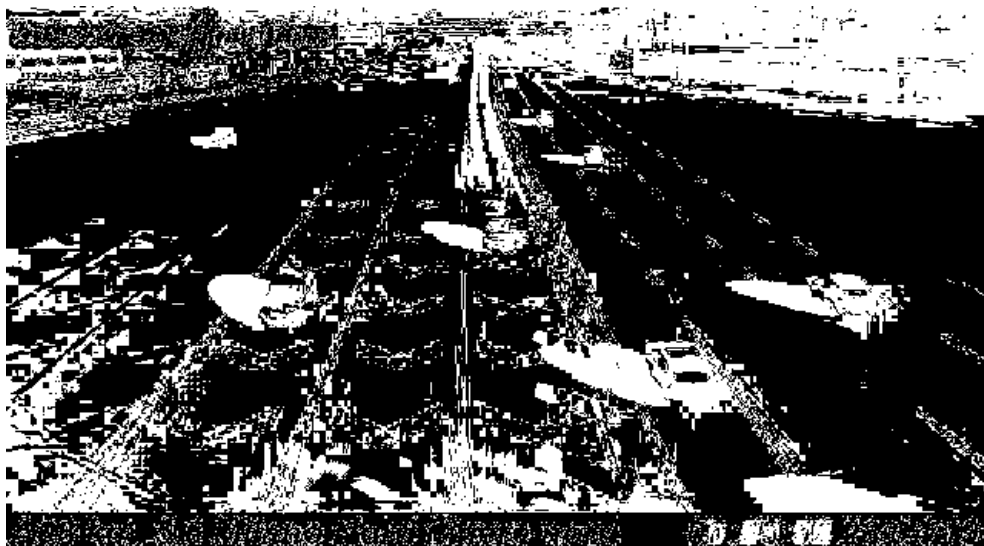
Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 21 WITH THRESHOLD OF 15

Background detected with accuracy of 93.57%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 22 WITH THRESHOLD OF 15
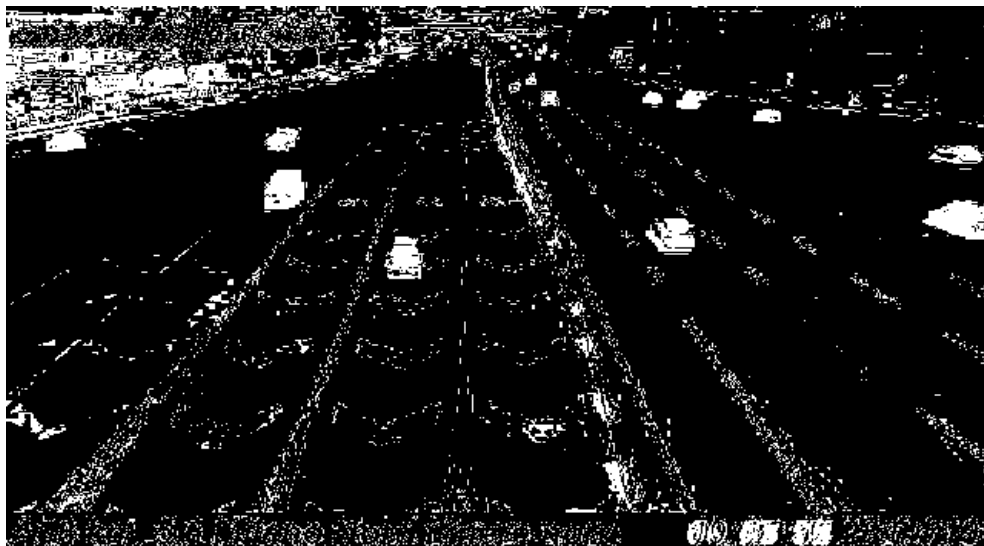
Background detected with accuracy of 95.83%

Original frame:

Background detected:

Error plotted with threshold of 10:

BACKGROUND DETECTION NUMBER 23 WITH THRESHOLD OF 15

Background detected with accuracy of 89.19%

Original frame:

Background detected:

Error plotted with threshold of 10: