



Politecnico di Milano
AA 2018 - 2019

Computer Science and Engineering

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 10

Background detected with accuracy of 93.96%

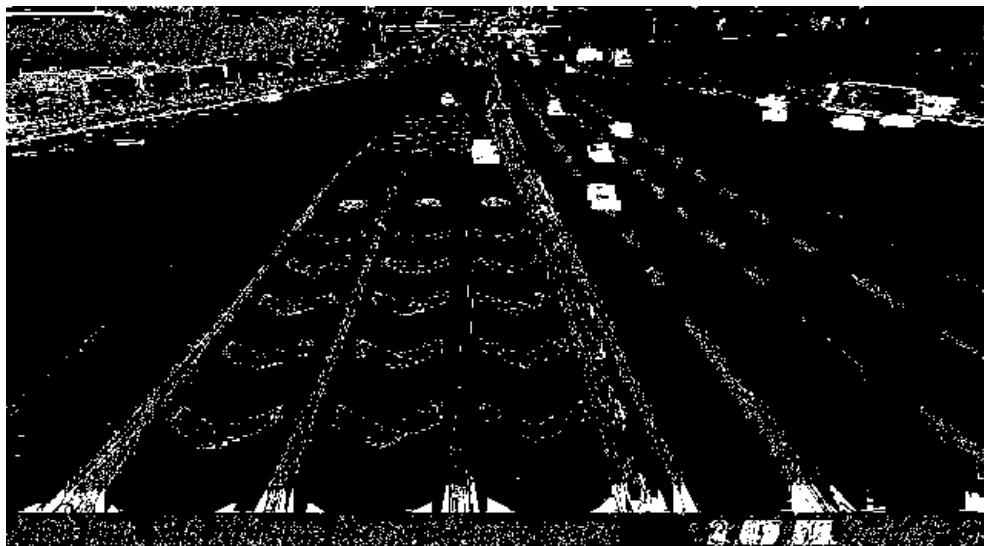
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 10

Background detected with accuracy of 90.11%

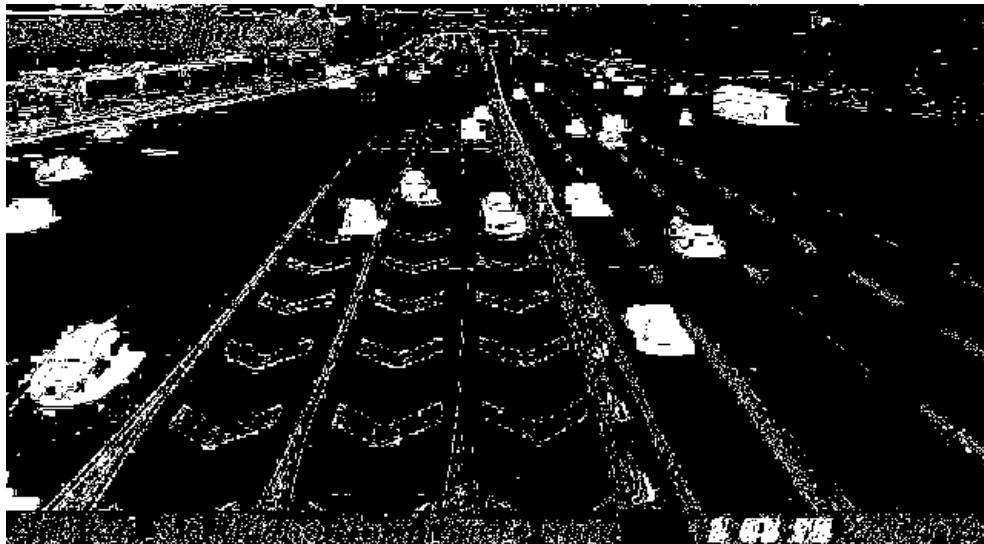
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 10

Background detected with accuracy of 90.77%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 10

Background detected with accuracy of 90.4%

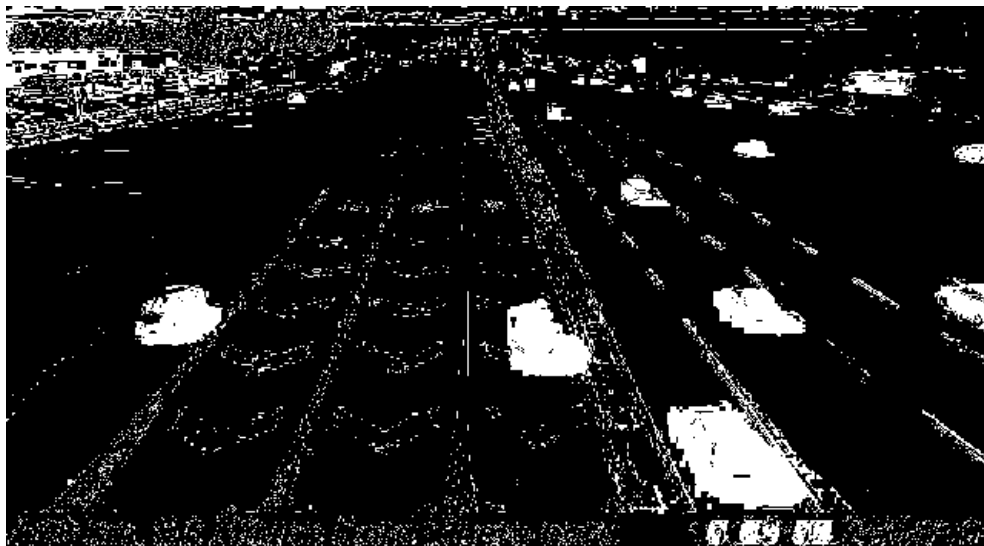
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 4 WITH THRESHOLD OF 10

Background detected with accuracy of 89.3%

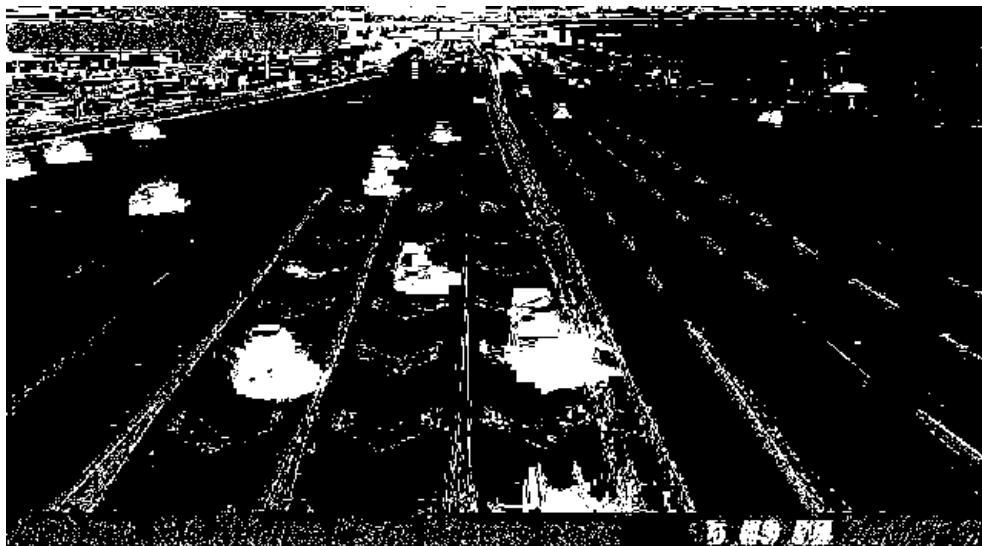
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 5 WITH THRESHOLD OF 10

Background detected with accuracy of 84.54%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 6 WITH THRESHOLD OF 10

Background detected with accuracy of 49.8%

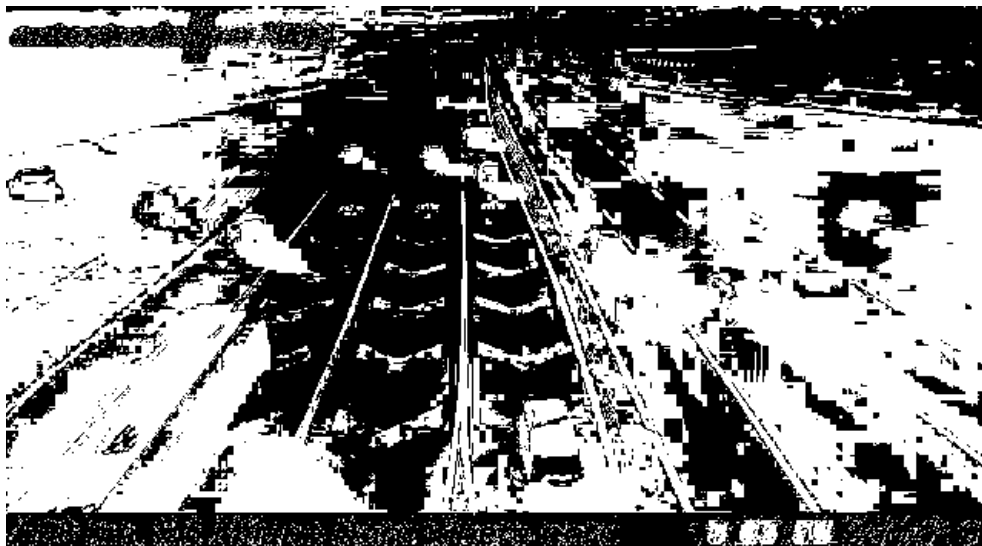
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 7 WITH THRESHOLD OF 10

Background detected with accuracy of 35.57%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 8 WITH THRESHOLD OF 10

Background detected with accuracy of 45.86%

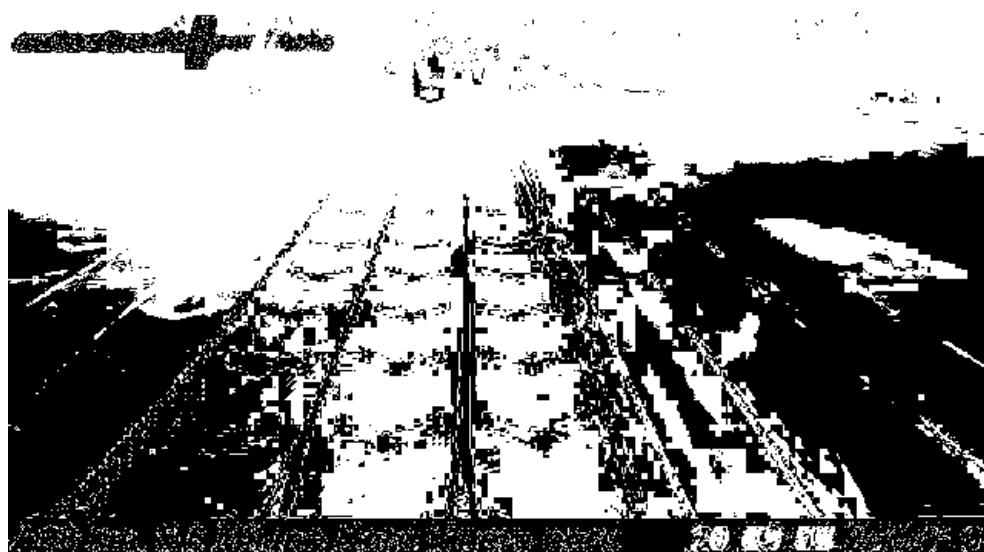
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 9 WITH THRESHOLD OF 10

Background detected with accuracy of 83.27%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 10 WITH THRESHOLD OF 10

Background detected with accuracy of 91.21%

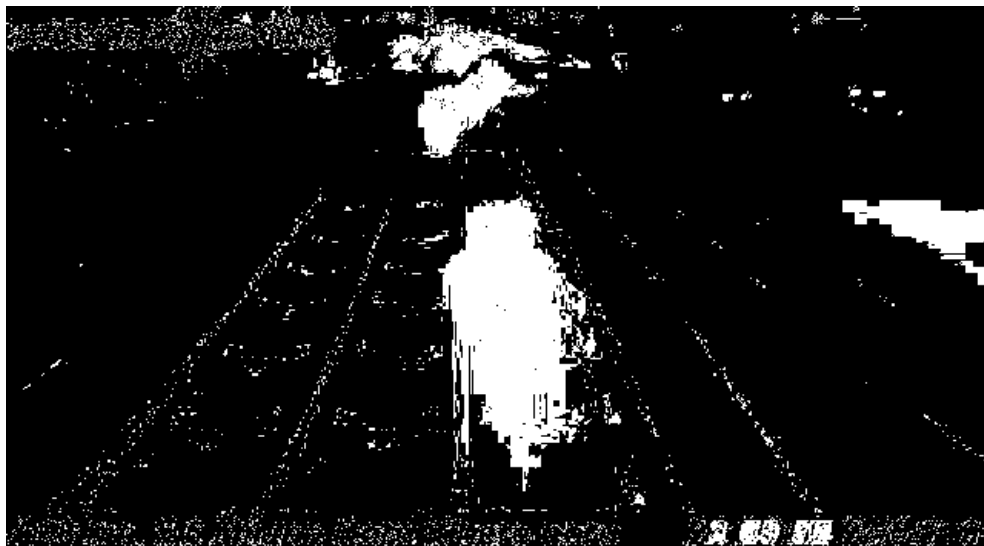
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 11 WITH THRESHOLD OF 10

Background detected with accuracy of 94.52%

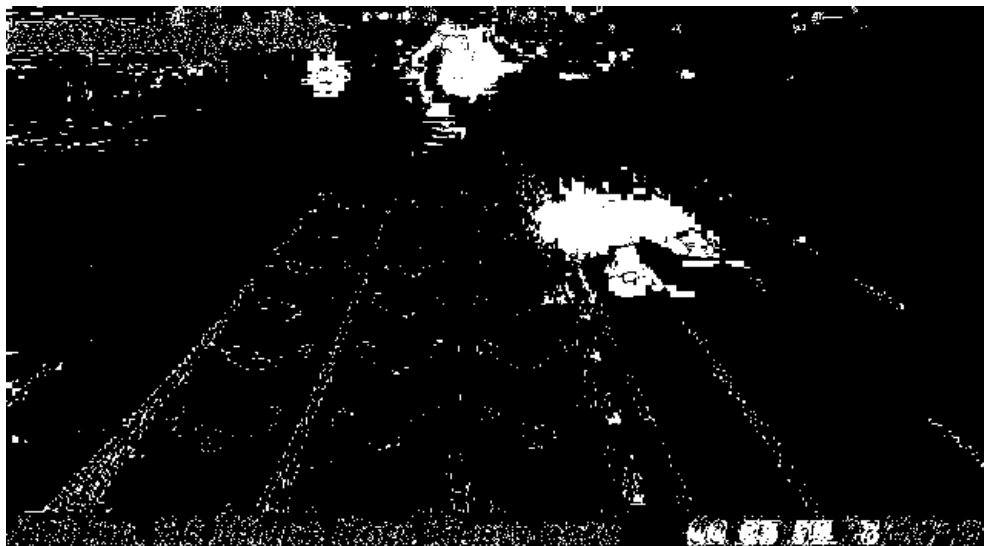
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 12 WITH THRESHOLD OF 10

Background detected with accuracy of 94.87%

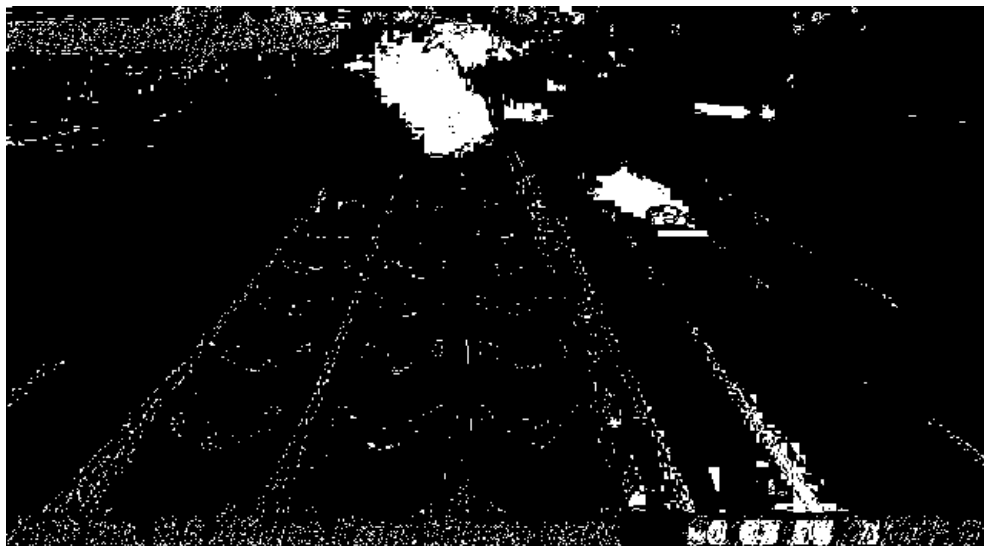
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 13 WITH THRESHOLD OF 10

Background detected with accuracy of 92.8%

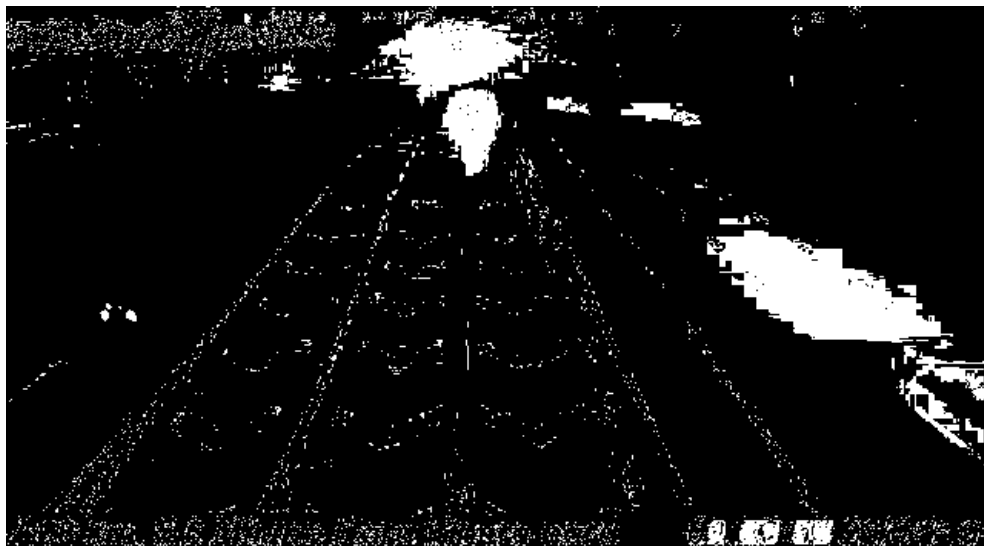
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 14 WITH THRESHOLD OF 10

Background detected with accuracy of 93.37%

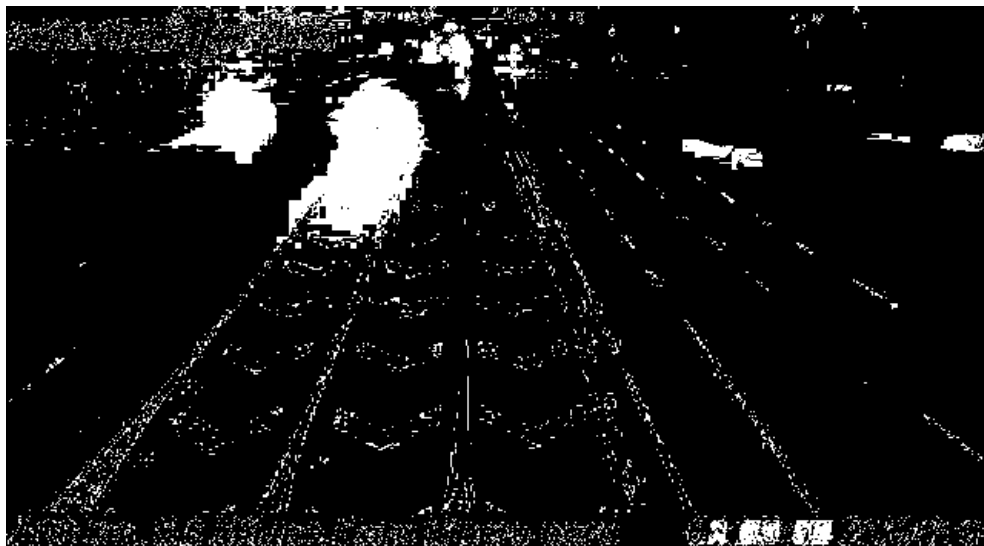
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 15 WITH THRESHOLD OF 10

Background detected with accuracy of 92.24%

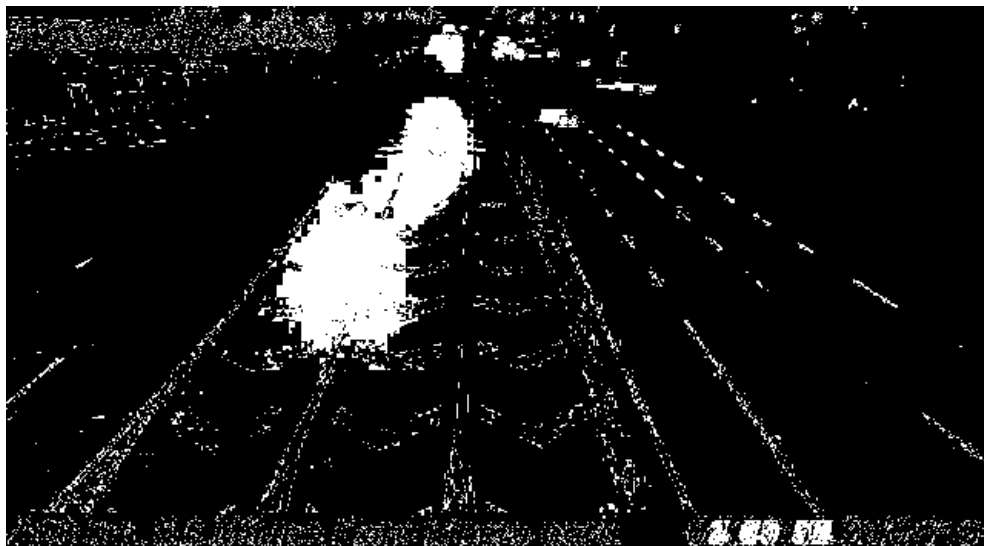
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 16 WITH THRESHOLD OF 10

Background detected with accuracy of 94.87%

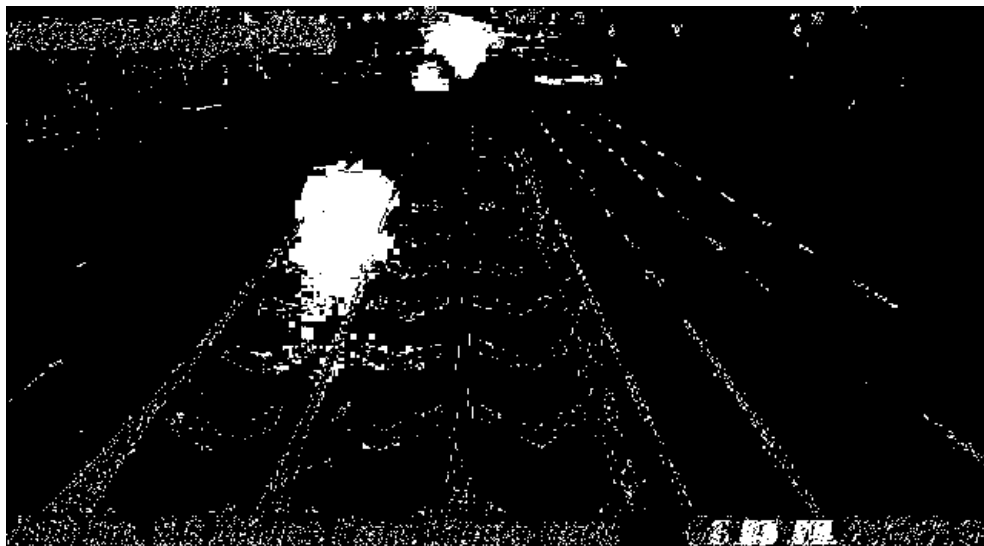
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 17 WITH THRESHOLD OF 10

Background detected with accuracy of 85.41%

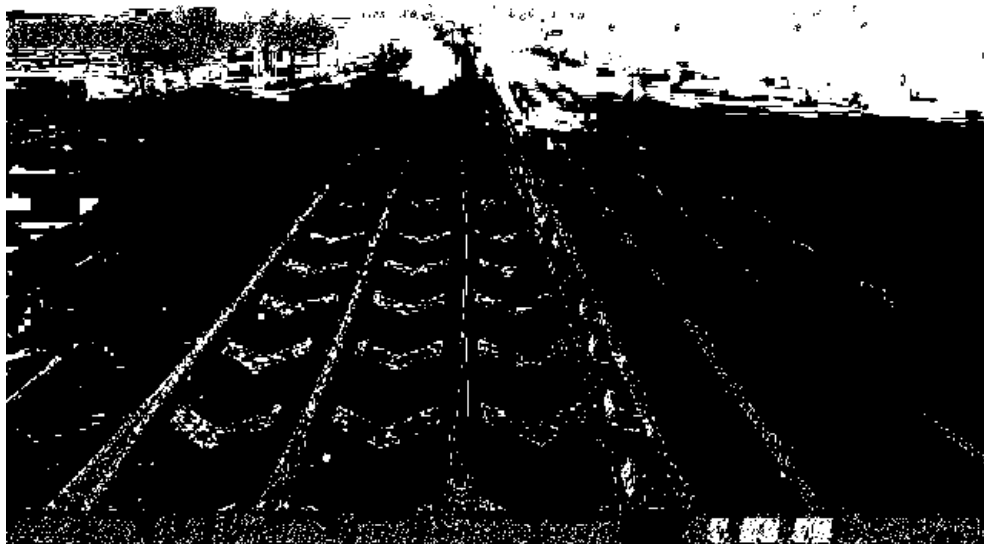
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 18 WITH THRESHOLD OF 10

Background detected with accuracy of 56.54%

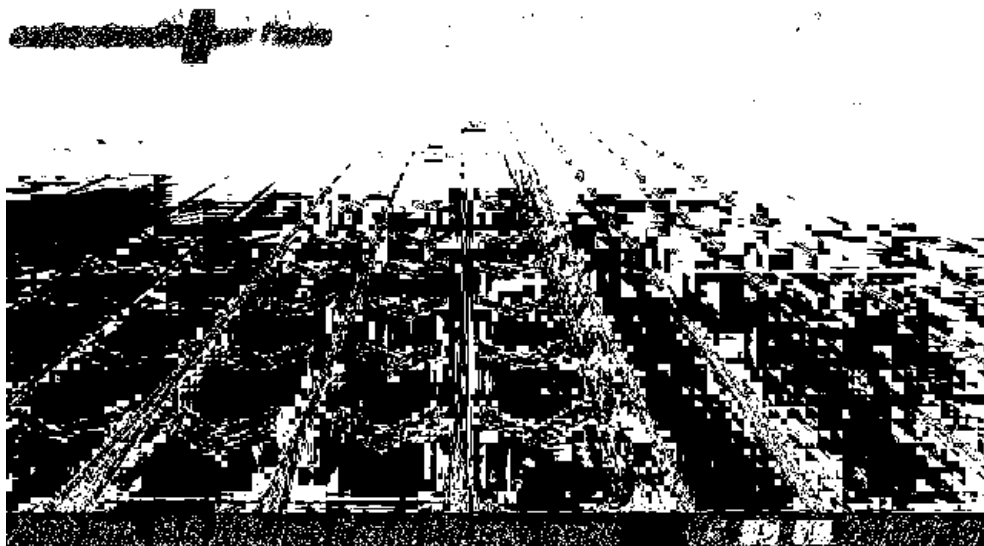
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 19 WITH THRESHOLD OF 10

Background detected with accuracy of 74.67%

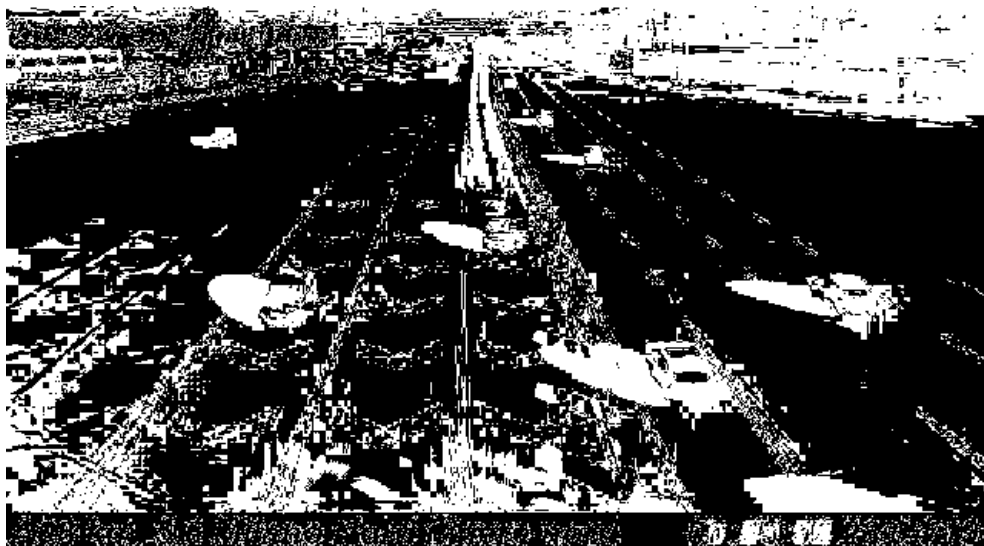
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 20 WITH THRESHOLD OF 10

Background detected with accuracy of 86.46%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 21 WITH THRESHOLD OF 10

Background detected with accuracy of 88.74%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 22 WITH THRESHOLD OF 10

Background detected with accuracy of 91.56%

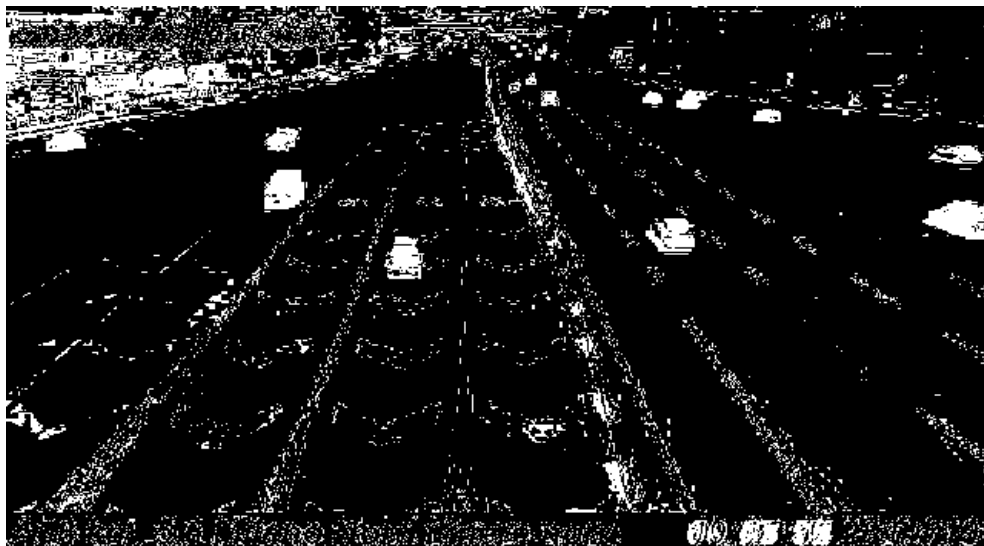
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 23 WITH THRESHOLD OF 10

Background detected with accuracy of 83.64%

Original frame:



Background detected:



Error plotted with threshold of 10:

