

**NATIONAL TRANSPORTATION SAFETY BOARD**  
Vehicle Recorder Division

May 31, 2022

## **Security Camera Video**

### **Specialist's Factual Report By Nicholas Swann**

#### **1. EVENT**

Location: Louisiana, Missouri  
Date: April 7, 2021  
Time: 1535 central daylight time (CDT)  
Train Operator: Burlington Northern Santa Fe Railway (BNSF)  
NTSB Number: RRD21LR009

For a summary of this event, refer to the public docket for this investigation.

#### **2. GROUP**

A video group was not convened.

#### **3. DETAILS OF INVESTIGATION**

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received a video file from a security camera system. The video files were downloaded and forwarded via a file share service to the NTSB.

##### **3.1. Video File Information**

The video file was given to the NTSB Vehicle Recorder Division as a proprietary security camera playback executable. Screen capture software was used to convert the video to a commercial-off-the-shelf format. The video file is 10 minutes and one second long.

##### **3.2. Time Correlation**

The timestamp at the beginning of the video indicates a starting time of 4:20:01. This time stamp is unverifiable and therefore will not be used. Instead, time will be given in video elapsed time in the format mm:ss where mm is time in minutes and ss is time in seconds.

#### **4. Summary of Recorded Events**

In agreement with the Investigator-in-Charge, a video group was not convened. Instead, video pertinent to the event was reviewed and summarized.

Figure 1 shows the framing of the security camera video. The train is visible in the distant clearing between two wooded areas and indicated with a red arrow.



**Figure 1. Image showing the view of the security camera**

At 03:29 the event train came into view. The train was moving right to left in the frame and is very far from the camera.

At 04:38 the train came to a stop.

At 05:20 the train began to move again.

At 06:35 the train stopped again.

The train did not move for the remainder of the video. The video ended at 10:01 elapsed.

Due to the distance of the camera from the train, at no time were the movements of the struck crew member visible.