

**NATIONAL TRANSPORTATION SAFETY BOARD**  
Vehicle Recorder Division

May 10, 2022

## Security Video

### Specialist's Factual Report By Nicholas Swann

#### 1. EVENT

Location: Spring, Texas  
Date: April 17, 2021  
Time: 2325 central daylight time (CDT)  
NTSB Number: HWY21FH007

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 four video files from a security video system. The video files were downloaded by non-NTSB personnel and forwarded via a file share service to the NTSB.

##### 3.1. Video File Information

The video files are of various lengths and are categorized in table 1 below. Video name corresponds to the name overlaid in the video. The video length is the duration of the recorded video formatted in hh:mm:ss where hh is the time in hours, mm is in minutes, and ss in seconds.

**Table 1.** Video File Information for 4 Camera Angles.

Video Name	Video Length	View from Camera
Front Gate 1	08:11:05	

Video Name	Video Length	View from Camera
Front Gate 2	01:41:08	
Front Yard	01:34:04	
Garage	00:47:47	

### 3.2. Time Correlation

Front Gate 1 and Front Gate 2 video files contained an embedded time stamp. This time stamp was unverifiable and possibly inaccurate. Additionally, there was no way to correlate the four video files and sync them onto the same time base.

### 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. The video files named “Front Gate 2”, “Front Yard”, and “Garage” either only contained redundant data or information not relevant to the investigation. Those three video files will not be summarized. Summary of “Front Gate 1” is contained below and the time for each element of the summary is given as the time listed in the video’s embedded timestamp. Again, this time base may

be inaccurate and was not verified; however, it can be used to determine elapsed time between certain video events.

At 09:01:08 the headlights of the accident vehicle came into view. The shadow of the front gate was moving as the gate opened to allow the accident vehicle through. The accident vehicle proceeded down the driveway and braked as it crossed the end of the driveway.

The accident vehicle then continued to slowly enter the cul-de-sac that the driveway was located on.

At 09:01:27, the accident vehicle's brake lights turned off and the vehicle quickly accelerated toward the street.

Approximately 28 seconds later, at 09:01:55, the light from the start of a post-impact fire could be seen over the pillar of a neighboring fence.

The light disappeared between 09:02:09 and 09:03:34. The view of the fire then returned and became noticeably larger at 09:04:50. At this point, the fire began to extend well above the neighboring pillar. The fire continued until the end of the video.

No other information in the video was deemed relevant to the investigation.