



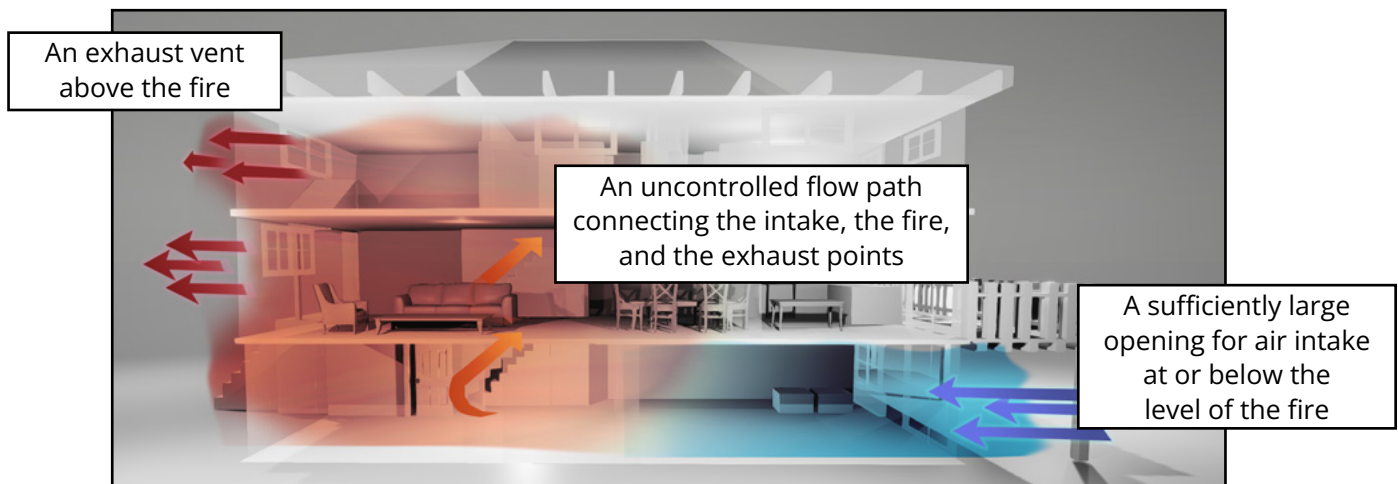
## Continuing the Conversation: Avenue N LODD



After watching the Avenue N summary video, use this handout to continue the conversation with your crew. Review the key takeaways on this side. Use the reflection questions and additional training resources on the reverse side to expand your learning.

### KEY TAKEAWAYS

The Avenue N incident is an example of a fire with a low-intake, high-exhaust flow path. For this flow path to occur, three factors must exist:



This type of flow path creates a powerful, unidirectional flow from the fire to the exhaust point. In this scenario, the speed and intensity of fire spread happens too quickly before firefighters operating in the exhaust portion of the flow path have time to safely exit.

**To potentially prevent this fire scenario,  
perform a 360° size-up to identify:**

- The location and extent of the fire
- Current and potential flow paths
- Grade differences that are not obvious from only one side of the structure
- Wind conditions

**To successfully operate in  
these challenging conditions:**

- Control flow paths whenever possible
- Operate in the **intake** portion of the flow path and avoid the **exhaust** portion
- Keep the wind at your back
- Fight the fire on its own level

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Use these reflection questions and additional training resources to expand your learning.

### REFLECTION QUESTIONS

1. How does your department train on and execute a 360 degree size-up? Who performs the size-up and what are you looking for? How does that information get communicated? If the structure, topography, or incident parameters don't allow you to get a 360, how else can you fill in that picture?
2. Consider the Avenue N fire scenario. How would your agency, with its own unique resource and staffing model, coordinate resources to handle this low-intake, high-exhaust incident?
3. In what situations would you consider controlling the exhaust vs. the intake ventilation openings? What tools and tactics does your agency have to achieve flow path control?

### ADDITIONAL TRAINING RESOURCES

The Avenue N fire shares many similarities with Cherry Road, a townhouse fire in Washington D.C. that claimed the lives of two firefighters. Scan to watch the incident video.



<https://qrco.de/beoFul>



<https://qrco.de/beoMkt>

Watch Philadelphia Fire Commissioner Adam Thiel discuss tactical considerations to avoid getting caught in the flow path while fighting a basement fire.

Review how wind direction can impact fire development and potentially jeopardize the safety of an advancing crew.



<https://qrco.de/beoMml>



<https://qrco.de/beoMoF>

View the Understanding and Fighting Basement Fires Summary video to examine the dynamics of below-grade fires and explore the most effective research-based tactics for fighting them.

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