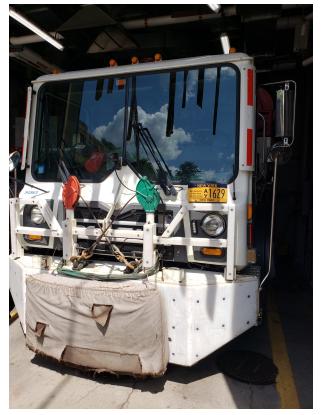




- MNDOT updating tunnel safety plan.
- Led to NYC trip
- Incident response discussion included concerns about EV fires in tunnel











Idea Sharing Network





Tunnel EV Fire Concept:

• Fire blanket (Bridgehill) to temporarily suppress.

• Insert J-hook in A pillar and drag vehicle outside



Issues?

- Blankets are expensive and one time use (\$1600 +)
- Are heavy and big need multiple FFs, very close up
 - 54lbs to 72 lbs
- Won't stop thermal runaway hopefully contain fire?
- Explosion hazard?
- Are FF turnouts sufficient to block EV heat?
 - Fail at 1100 to 1300 deg F -- EV fires at 5000 F
- Weight of vehicle being dragged? What's reasonable? A-pillar tear strength?

