

# Protecting Surface Transportation and Other Soft Targets – Setting the Stage

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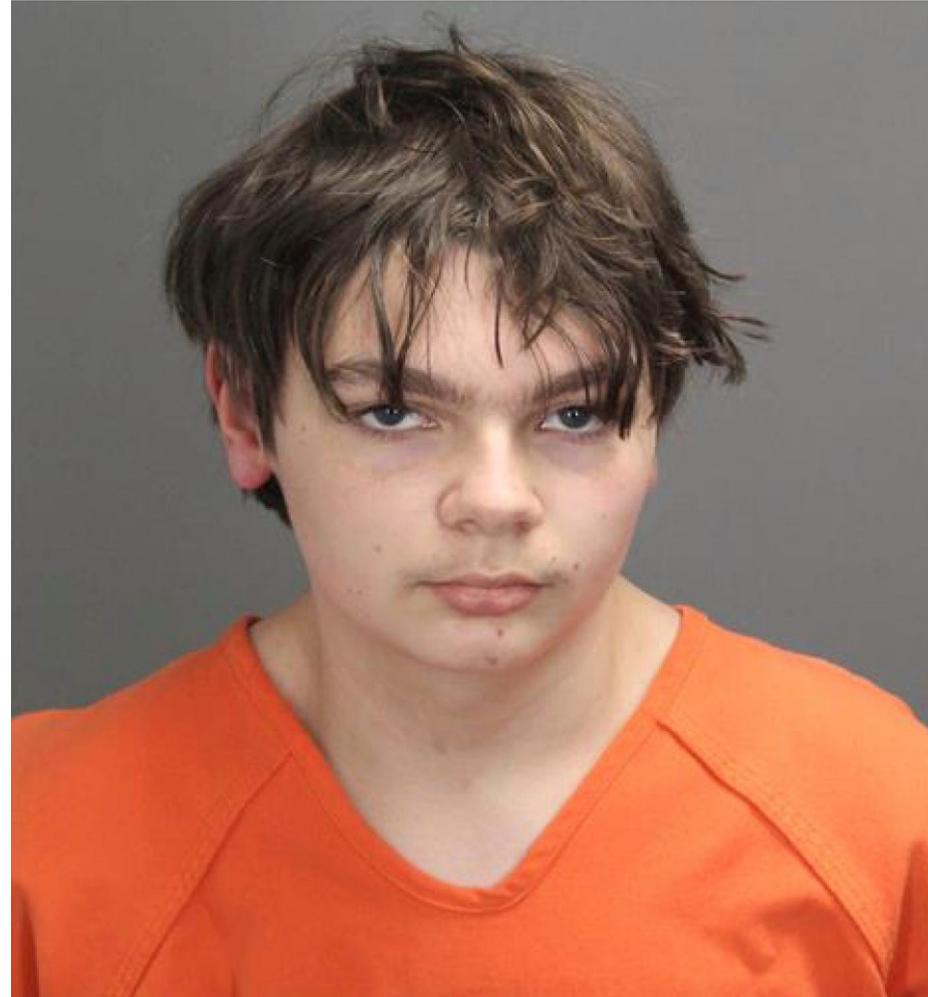
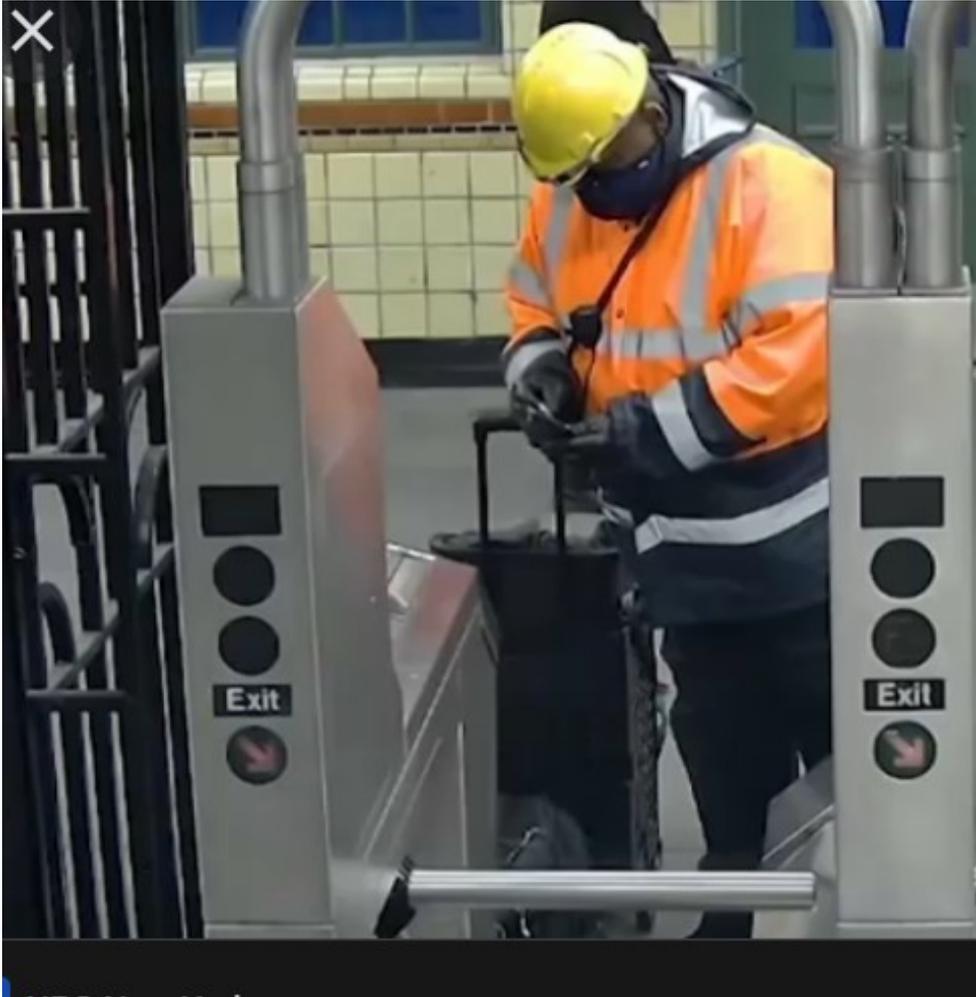
# So What? Who Cares?

- Attacks on soft targets and crowded spaces (STCP) seems to be daily event in the USA
  - May be caused in part due to TSA's excellent work to harden airports (displacement)
- While the lethality of attacks may not be great in terms of deaths and injuries, the psychological impact on society is great
- DHS has created new Center of Excellence (SENTRY) at Northeastern University to address protecting STCP
- Purposes ADSA workshops
  - Create community of interest; allow problems and solutions to be presented; build on ideas of others

# Variations – Very Difficult Problem – Makes Aviation Security Look Easy

- Perpetrators/reasons: foreign/domestic terrorists, gangs, criminals, lone actors, internal/external, militias, political
- Motivators: gender, religious, politics, ideology, family disputes
- Threat: guns, knives, explosives, WMD (chem, bio, rad), vehicle, bomb threats
- Conveyances: people, drones, vehicles, mail
- Targets: schools, places of worship, malls, surface transportation, subways, baggage claim, stadium, shopping centers, theaters, music festivals
- Balancing: cost, fortress, stress to kids and adults, throughput, litigation/indemnification, can't happen to me, rare event, openness, privacy

# Could These Persons Have Been Stopped?



# ADSA Format – Discussion Required

- Conversation and questions are always expected, especially after second slide
  - Speakers – ask for questions after 2<sup>nd</sup> slide
- Asking questions
  - Zoom: raise hand, post question or “?” in private chat to 01AskQuestions
  - In-person: Raise hand
  - Moderators will call upon you – virtual unmute mic/video
- In person participants – use microphones
- Meeting not recorded
- Public domain – no sensitive material
- No speaker introductions; read biographies
- Slides will be posted after the workshop
- Patience – first hybrid (in person + virtual) workshop



# Acknowledgements

- Department of Homeland Security (DHS)
- Dr. Laura Parker, DHS S&T
- David Canty, DHS S&T
- Frank Cartwright, TSA
- Bonnie Kudrick, HumanLink
- George Naccara, U.S. Coast Guard (Retired)
- Peter Boyton, Kostas Research Institute, Northeastern University
- Participants
- ALERT staff led by Tiffany Lam
- Presenters – bringing unique expertise and could speak for hours; hope to have additional dialogs at future ADSA workshops and other events

# Acknowledgements - Special

- ADSA vision
  - George Zarur, DHS S&T (retired) & Doug Bauer, TSA
  - Complement capabilities and capacities of vendors with third parties
    - Academia, other industry, National Labs
  - Allow scientific process to build on work of others
- ADSA01 - Algorithm Development for Security Applications Workshop: Application to the Integrated Checkpoint, April 2009
- Learned how to develop unclassified problems and datasets
- Numbers (round)
  - 3000 people (1000 unique) attended workshops
  - 1000 presentations
  - 100s of new third parties working in security space

“Terrorism causes a loss of life and a loss of quality of life,” Lisa Dolev, Qylur Security Systems

