

# Technical Advisory Committee Meeting

June 19, 2025

Attendance: Troy Jessup, Jim Stewart, Mike McIntosh, Lynne Yocom, Jeremy Cox, Rick Gaisford, Greg Scherer, Kevin Quire, Jonathan Karras

## Welcome

- Opening remarks

## Agenda Bash - Committee Member Interests and Agenda Adjustments – Discussion

### Strategic Planning Elements and Actions – Discussion

- Discussion focused on future planning and direction.
    - A suggestion was made to conduct a “thought experiment” exercise—a hypothetical scenario imagining ideal solutions with unlimited resources and funds, then comparing them to current capabilities.
  - Data Center
  - Fiber Future
    - UDOT is using ARPA funding to connect state, county, and city buildings to its fiber network.
    - Redundancy for the schools is important
    - UETN is upgrading to 800 GB wavelengths to support 400 GB Ethernet (currently ~ 8 circuits).
    - School Districts’ Planning Needs
      - What should UETN be aware of as schools plan for the future?
      - What services do schools rely on UETN for?
- Key Points**
- Strong reliance on UETN for connectivity.
  - UETN’s technical expertise is critical, especially for districts with limited in-house resources.
  - The Adlumen project has been highly beneficial, offering self-deployment capabilities.
- Higher Education Considerations
    - Could connectivity be purchased outside the E-rate framework?
    - UETN is used for connectivity, cloud services, remote access, and circuits
    - Managed services are used depending on political factors.
    - The Zoom contract, a school is looking at UCaaS solutions.
  - Kevin Quire will present on segment routing at the next TAC meeting (July 17).
- Security
  - Discussion on UETN’s role in cybersecurity: tools, MSSP, or other models.
  - Districts vary in their internal security expertise; support must be tailored accordingly.
  - Consortium Purchasing
    - A valuable resource, but it currently lacks clarity.
    - A single point of contact or purchasing client would improve access and coordination.
- Stakeholder Support
- AI/ML
- Software
- Broadcast
- E-rate
- External validation
- Internal Processes
- Other (based on discussion)

### Fiber Sensing - Early developments and interests – Discussion

- UDOT is developing a fiber sensing system to monitor road conditions, avalanches, rockfalls, and traffic.
  - The system is part of a national network.

### AI Developments (Time Permitting) – Discussion

## Adjourn