



Outlook on Bridge Assets

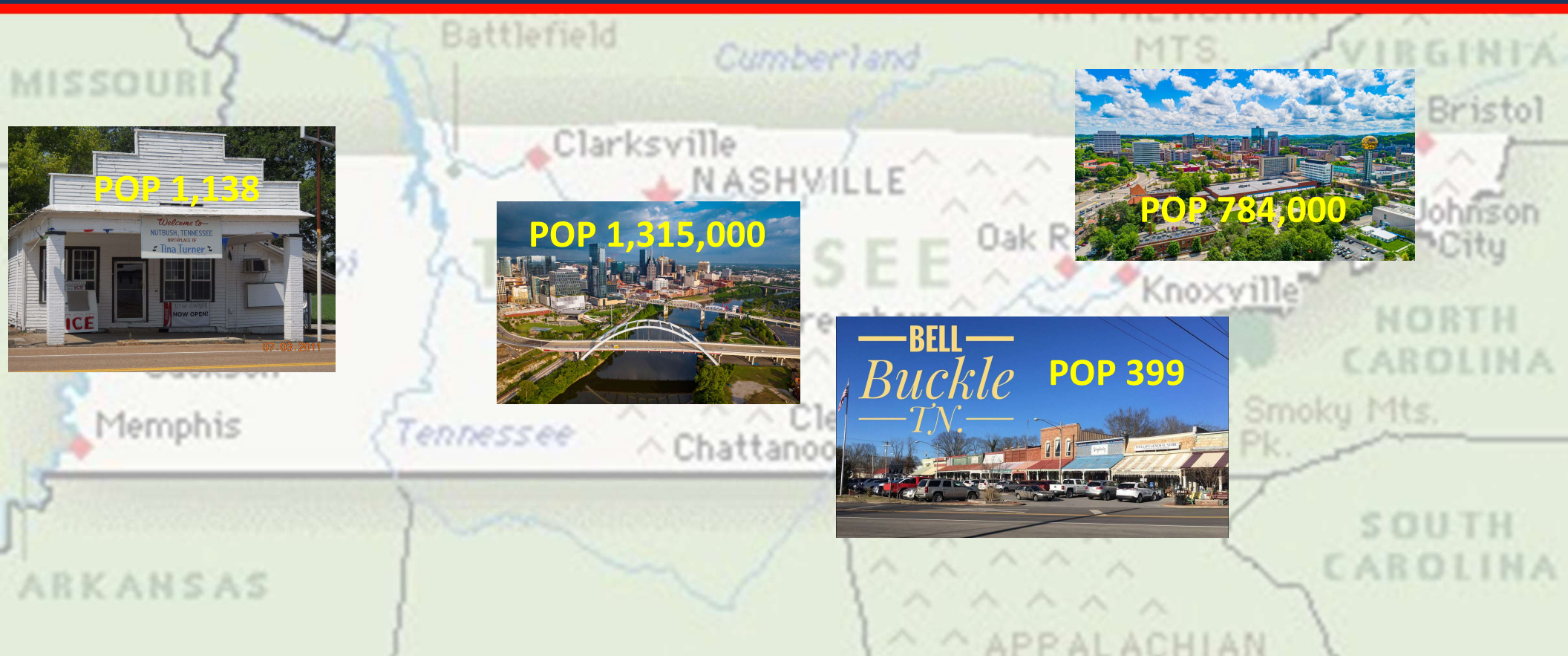
IBT/ABC-UTC Monthly Webinar

Ted A. Kniazewycz, P.E. 11/9/2023

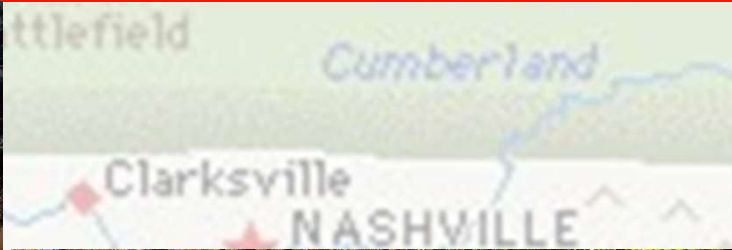
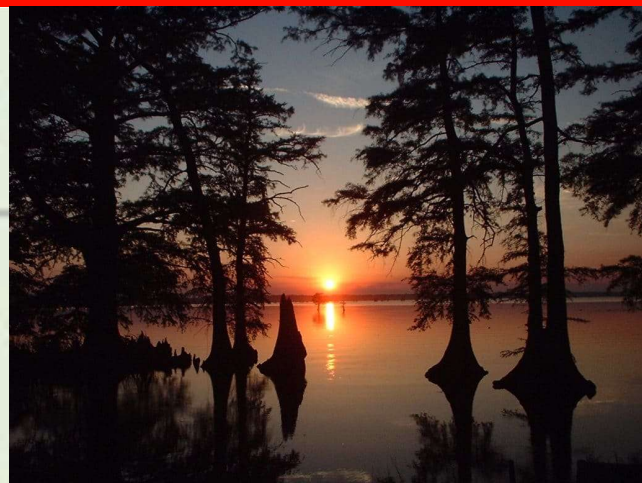
Agenda

- How TDOT Addresses Bridge Design
- Asset Management Strategies
- Bridge Assets Management Outlook

Diversity in Tennessee Population



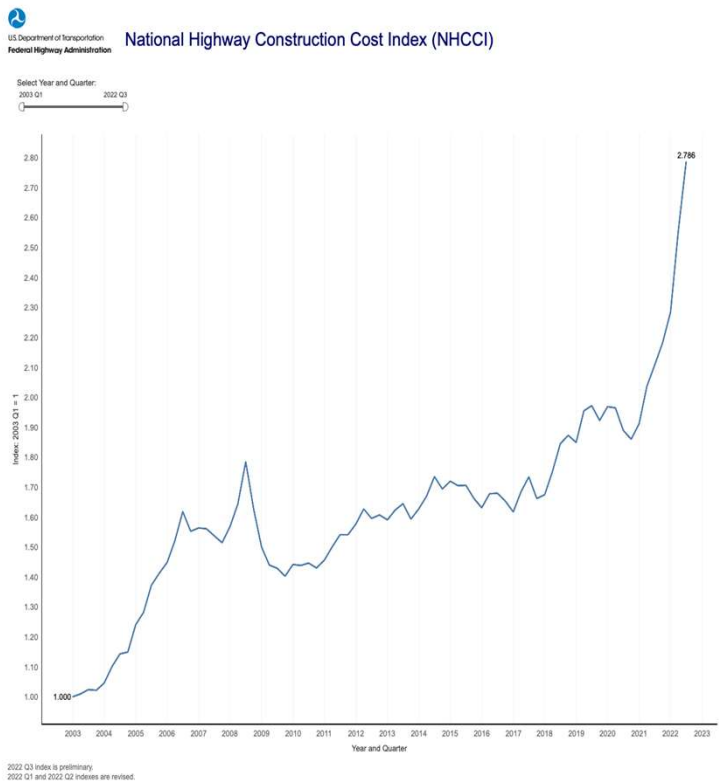
Diversity in Tennessee Environment



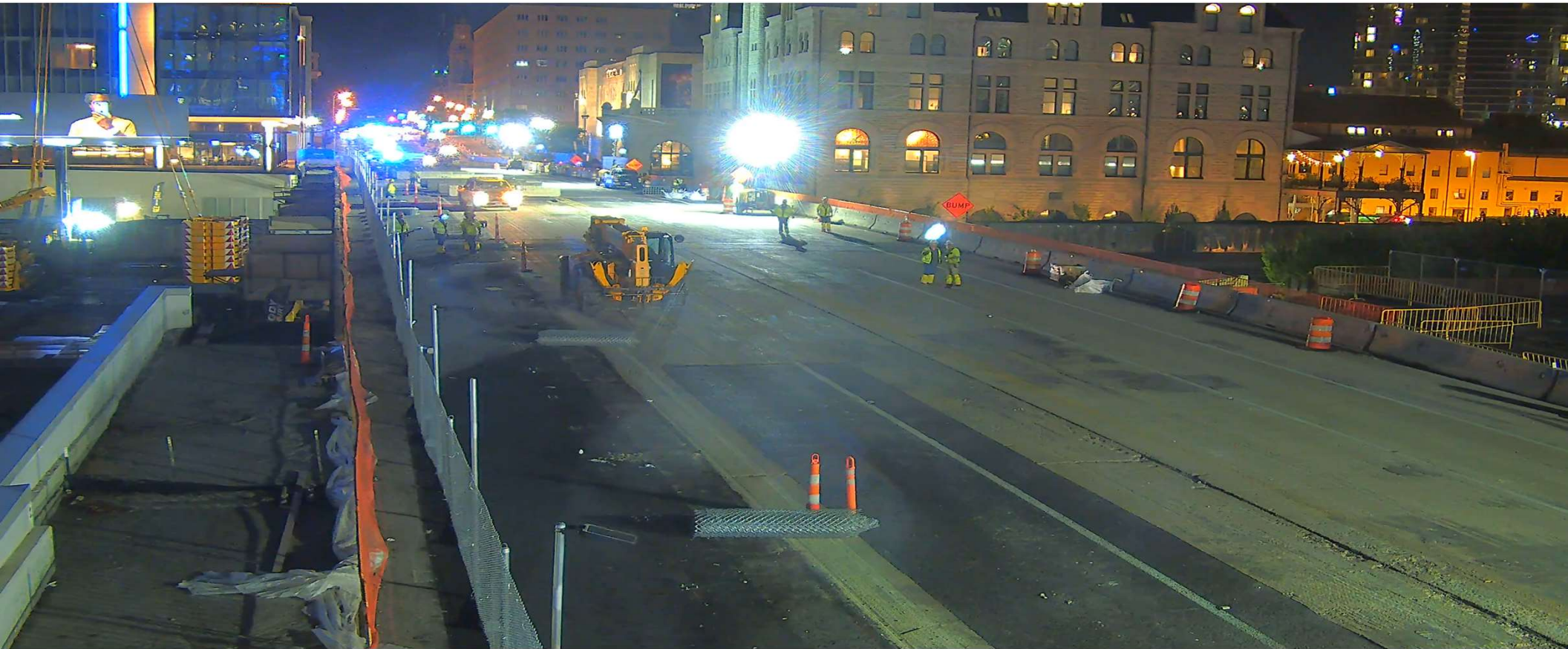
Lessons Learned from Past Practices



Challenges in Today's Environment



The Future of Bridge Asset Management



In Conclusion

- Maintaining Staff Expertise (Training & Compensation)
- Participate in New Material Trials (Composites)
- Incorporate New Construction Techniques (Additive Manufacturing)
- Maintain Assets and Build for Longevity (100+ Years)
- Factor in / Design for Future Changes in Transportation Today