Agenda of the Event: NCSITE SimCap and Safety User Groups Meetings

Location: Charlotte Urban Design Center (1507 Camden Rd, Charlotte, NC 28203 -

Date: September 29th, 2022 **Total PDH Hours:** 5.0

- **8:00 to 8:45 AM** Registration and Social ……Coffee / Light Snacks
- **8:45 to 9:00 AM** Opening Remarks…….. Soheil Sajjadi (Arcadis)
- **9:00 to 9:45 AM** Keynote Speaker……Mohamed Kaddoumi (Charlotte DOT)
- **9:45 to 10:00 AM** Break……Coffee / Light Snacks
- **10:00 to 11:00 AM Technical Session 1**
    - NCDOT Capacity Analysis Guidelines and the Potential Misinterpretations……Mike Reese (NC DOT)
    - Tobin Bridge Managed Lane Study…….. Pete Jenior (Kittelson)
- **11:00 to 11:15 AM** Break……Coffee/ Soda/ Light Snacks
- **11:15 AM to 12:15 PM Technical Session 2**
    - Intersection Control Evaluation (ICE) Tool……Jonathan Reid (Arcadis)
    - City of Charlotte Use of Probe Data to Identify Corridors with Speed Issues…….. Mohamed Kaddoumi (Charlotte DOT)
- **12:15 PM to 1:15 PM**……**Lunch Break**
- **1:15 PM to 2:15 PM Technical Session 3**
    - Vision Zero Program in Charlotte……Angela Berry (Charlotte DOT)
- **2:15 to 2:45 PM** Social Break …… Soda/ Water / Light Snacks
- **2:45 PM to 3:45 PM Technical Session 4 (Student Presentations)**
    - Impact of AVs Different Time Gap Settings of Traffic Stream Stability and Safety……Tanmay Das (NC State Uni)
    - Effect of Heterogeneity due to Levels of Automation on Operational Performance of Freeways: A Microsimulation Based Approach……Hardik Gajera (UNC Charlotte Uni)
- **3:45 to 4:00 PM** Closing Remarks……Melissa Helbert (Kimley Horn) / Zachary Bugg (Kittelson)