



NORTH CENTRAL SECTION

INSTITUTE OF TRANSPORTATION ENGINEERS

2022 Executive Board

Natalie Sager, PE

President
HDR, Inc.
1601 Utica Avenue South, Suite 600
St. Louis Park, MN 55416
Natalie.Sager@hdrinc.com

Jeremy Melquist, PE, PTOE

Vice President
City of Bloomington
1700 West 98th Street
Bloomington, MN 55431
jmelquist@BloomingtonMN.gov

Phil Kulis, PE, PTOE

Secretary
SRF Consulting Group, Inc.
3701 Wayzata Boulevard, Suite 100
Minneapolis, MN 55416
PKulis@srfconsulting.com

Nik Costello, PE

Treasurer
Washington County
11660 Myron Road North
Stillwater, MN 55082
Nik.Costello@metrotransit.org

KC Atkins, PE

Director
Hennepin County
300 South 6th St
Minneapolis, MN 55487
Kristin.Atkins@hennepin.us

Justin Sebens, PE

Director
SRF Consulting Group, Inc.
3701 Wayzata Boulevard, Suite 100
Minneapolis, MN 55416
JSebens@srfconsulting.com

Kevin Peterson, PE

Past President
Washington County
11660 Myron Road North
Stillwater, MN 55082
Kevin.Peterson@co.washington.mn.us

Nick Erpelding, PE, PTOE

District Representative
SRF Consulting Group, Inc.
3701 Wayzata Boulevard, Suite 100
Minneapolis, MN 55416
NErpelding@srfconsulting.com

SIMULATION AND CAPACITY COMMITTEE

Meeting Summary

July 2022 Committee Meeting
Wednesday, July 13, 2022
3:00-4:30 PM Meeting + Happy Hour
Virtual (Teams) & In Person at Alliant Engineering Inc.

Attendees

- Mike Kondziolka – Alliant (Chair)
- Kelsey Retherford – Bolton & Menk (Co-Chair)
- Chris Loyd – Bolton & Menk
- Pravin Dhakal – Isthmus Engineering
- Adam Capets – Stantec
- Mark Powers – KLJ
- Michael Odell – Alliant
- Shauna McIntire – Alliant
- Chloe Weber – Bolton & Menk
- Cameron Vaulch – Alliant
- Kevin Sommers – MnDOT
- Sudheer Dhulipala – WSB
- Niloy Saha – Bolton & Menk

- Presentation: Advanced Traffic Modeling – Calibration and Lessons Learned
- Discussion on committee initiative topics
 - How CAVs should be incorporated into modeling
 - Roundabout operations – which program is best?
 - This could be a workshop in the future – if we have video and count data for an existing roundabout we could split the group up and have each smaller group model the roundabout in a different program and compare
 - Transit modeling best practices

Topics for next meeting:

- Presentation: TBD
- Further discussion on committee initiative topics
- Presentation/discussion topics

Next Meeting: Location and date TBD