

2022 Annual Report

Below is a summary of NCITE's activities for 2022.

Regular Meetings

NCITE hosted 9 section-wide meetings throughout 2022. These included 7 Section Meetings, a Summer Social, and an Annual Meeting. Committee events were also held throughout the year, but are not included in the table below.

Date	Topic	Speaker(s)	Location	Attendance
Jan. 19	MnDOT Roundabout Capacity Design Guidance	Douglas Carter (MnDOT) Jamal Love (MnDOT)	Virtual	105
Feb. 16	Ethics Training (Joint meeting with WTS-MN)	James T. Johnson	Virtual	146
March 16	Twin Ports Interchange Construction Staging and MOT	Brett Burfeind (Alliant) Nicole Wilson (Alliant)	Virtual	49
April 29	Northwest River Crossing Study	Paul Morris (SRF)	Jax Cafe, Minneapolis	59
June 2	I-494: Airport to Hwy 169 Traffic Study	Phil Kulis (SRF)	La Dona Cercecia, Minneapolis	44
Aug. 15	Summer Social - Twins Game	-	Fulton Brewery & Target Field, Minneapolis	58
Sept. 29	Lyndale Ave S 4 to 3 lane Pilot Project	Josh Potter (Hennepin County) John Crawford (KLJ) Joe DeVore (KLJ)	Walking Tour then LynLake Brewery, Minneapolis	52
Oct. 17	Safe Systems Approach (Joint meeting with ITSO - Minnesota's Student ITE Chapter)	Derek Leuer (MnDOT)	University of Minnesota - Civil Engineering Building, Minneapolis	54
Nov. 17	Annual Meeting	Natalie Sager Nick Erpelding John Davis	WhirlyBall, Bloomington, MN	65

A meeting that was well received by members was the Lyndale Ave 4 to 3 lane Pilot project walking tour. We typically haven't done walking tours for our section-wide meetings, but multiple members commented that this was their favorite meeting. We walked 10 blocks while the tour guides provided us information along the route. We ended at LynLake brewery for a happy hour afterwards.

An ongoing initiative of NCITE is to host at least one "roadshow" meeting each year with presenters or presentations focused on topics outside of the Twin-Cities metropolitan area. We continued this tradition with our March section meeting focusing on a Duluth project.

Student/Younger Member Support

Support for Students

- In 2022, we increased our student scholarship amounts from \$500 to \$1000. NCITE awarded \$1,000 to four students (\$4,000 total) via scholarships in 2022.
- NCITE partnered with ASCE MN for professional development week prior to U of M career fair where we hosted a picture day for professional headshots, led a resume review night, and ran an elevator pitch workshop.
- NCITE provides students with a low cost to attend in-person section meetings (\$5) or virtual meetings (FREE). Cost for general NCITE members is typically \$35-40.
- For the NCITE Annual Meeting, a student ticket was \$10 (general NCITE member was \$60)
- We held a joint October Section meeting with the University of Minnesota's Interdisciplinary Transportation Student Organization (ITSO – Minnesota's student ITE chapter)
- NCITE has three Student Outreach Coordinators who manage the student scholarship programs, attend student career fair events, participate in the Great Lakes District Student Activities Committee, and serve as a liaison for ITE Student Chapter groups to coordinate funding opportunities, participate in District annual meetings, and interact with ITE headquarters. These coordinators are responsible for interacting with the student chapters within NCITE, presenting on Engineering careers to students, and administering the annual scholarship program.

Support for Younger Members

- NCITE has a fund dedicated for Younger Member Committee (YMC) Events
- The YMC was started in 2018 and continues to remain a very active committee with bimonthly in-person meetings to get the members together, which includes both social and technical events.
- Events in 2022 included snow tubing, Earth Day clean up, bike tour, happy hour, yard game night, gopher soccer game.
- This committee has been a great way for younger members to get leadership experience and we encourage younger committee members to continue with leadership roles within ITE.
 - Jeremy Melquist, 2023 NCITE President (2018 YMC Chair)
 - Phil Kulis, 2023 NCITE Vice President (2017 YMC Chair)
 - Jack Olsson, 2023 NCITE Membership Coordinator (2021 YMC Chair)

Application of Technical Knowledge

Below is a list of our technical committees and their events in 2022.

Technical Committee	2022 Technical Events (bulleted)
Geometric Design	Establishes a forum for NCITE members to share, discuss, and explore the traffic operations and safety effects of roadway design elements. This committee was started back up at the end of 2022 and we're excited for events in 2023.
Emerging Technologies in Transportation (ETT)	Re-branded in 2021 and formerly known as the ITS Committee, the ETT Committee provides a forum for participants to address technical issues related to developing technology in the industry (ITS, CAV, Big Data, etc.) and to share lessons learned. This Committee works jointly with ITS-MN. • Street Smart Rental Tour - Smart Work Zones • Autonomous Truck Mounted Attenuator • White Bear Lake - Bear Tracks Automated Vehicle Shuttle
Intersection Traffic Control	A forum for NCITE members to discuss issues related to traffic signal design and operation. • Bloomington's First HAWK and Other Pedestrian Improvements • Hennepin County Traffic Management Center Tour
Planning Methods & Applications	The purpose of this committee is to discuss and author NCITE standards of practice relating to issues in the transportation planning field.
Complete Streets and Safety (CSS)	A forum for NCITE members to discuss issues related to improving safety and mobility for everyone, with an emphasis on vulnerable road users (VRUs), transit riders, and multi-modal transportation systems. • Ped/Bike Infrastructure in the City of Bellevue, WA
Simulation & Capacity Analysis (SimCap)	A forum for analysis methods with the intention of developing best practices for traffic modeling in our region. • Modeling Traffic Impacts on Visitor Experience and on Wildlife at Denali National Park • Recent Update to the Traffic Analysis Toolbox - Volume III • Traffic Modeling Calibration & Lessons Learned • Use and benefits of VHelper tool (used in conjunction with VISSIM) • Roundabout Modeling Comparison
Traffic Operations and Maintenance	A monthly forum for operations and maintenance staff to discuss best practices, tips, and ideas. • Sign Design Programs & Portable Signals • Tour of MnDOT Sign Shop • Geveko Optamark Performed Thermoplastic Demo • Digitally printed signs • LED Streetlight Luminaires turning purple • Performed Thermoplastic - 125mil vs 90mil • Fall Maintenance Expo Recap

For our quarterly newsletter, The [INCITER](#), our technical committees are asked to submit an article on technical subjects on a rotating basis. Also, paying advertisers for our section are provided the opportunity to contribute one technical article per year. A total of **17 technical articles** were published in 2022

Our Section Meetings always include a technical presentation. Most often, we look to our members or their colleagues to provide these presentations. These presentations are typically posted to our [YouTube](#) channel for later viewing.

Networking Events

Offering our membership networking opportunities is a priority for all NCITE events, as highlighted in the bullets below.

- Four **Section Meetings** in 2022 were in person and three were held virtually. We asked a question of the day to all attendees for these meetings and the in-person meetings included a time before the presentation to network. Attendance ranged from ~50-150 for each meeting.
- For our **Summer Social** (an event that we have every year), we held the event at Fulton Brewery and then walked to the Twins stadium to catch a game and socialize with close to 60 attendees.. Additionally, \$400 was raised for our student scholarships.
- Our **Annual Meeting** was also held in-person, at Whirlyball in Bloomington, MN. The first part of the event included check-in and networking, pizza, and a presentation summarizing the section's activities in 2022, and announcement of award winners and election results for our 2023 board. The presentation was followed by an evening of Whirlyball. There were over 65 attendees.
- Our **10 Standing Committees** also offer networking on a smaller-group level, where members with similar interests can discuss technical subjects or participate in committee-planned events. The Younger Member committee's 6 events in 2022 were all networking based as well.

K-12 STEM Outreach

NCITE typically participates in several K-12 STEM Outreach events each year. In 2022 there was a reduced number of opportunities, but typical events include Civil Engineering Day at the MN Science Museum, High School Career Fairs, Future City Competition, and the Minneapolis STEM expo.

New Member Recruitment

All Section Meetings and many technical committee meetings have had a virtual option with a reduced cost to attend to encourage attendance and reach a wider geographic area.

Our May Section Meeting was our membership drive which offers free registration to non-members who have never attended a Section Meeting. There was a drawing for a prize for membership drive attendees.

Increasing membership of planners and providing value to them is a key initiative for ITE. NCITE has supported this initiative through the following:

- NCITE Planning Methods and Applications technical committee is planning a social get together to provide the opportunity for new planning members to meet other members of NCITE.
- NCITE's Membership Coordinator sends out our new member flyer to help new members understand all of the benefits of NCITE/ITE and get involved with the organization.

Diversity and Inclusion

NCITE partnered with WTS-MN for a joint February Section Meeting regarding Ethics. We offered public sector employees a reduced price for this meeting. We also offered public section employees a reduced price for 1 younger member event. NCITE offered virtual attendance at all section meetings so that those outside of the Twin Cities region could attend.

Training/Professional Development

NCITE offers Professional Development Hours (PDHs) for all of our section meetings, which always include a technical presentation. This year, there were seven section meetings.

In collaboration with Women in Transportation Studies (WTS), an Ethics Training was held in 2022 which provided 2 PDHs (PE) or 2.0 CM (AICP)

We also have a Professional Development Committee that plans a bi-annual symposium and they are working on planning our 2023 Symposium.

Field Trips/Technical Tours

NCITE has historically had very active technical committees and this past year NCITE has resumed more in-person field trips and technical tours. This includes:

- NCITE Intersection Traffic Control Committee – In October 2022, this committee hosted a tour of Hennepin County's Transportation Management Center (TMC), which provided attendees with insight into the workings of the TMC and allowed agencies to learn from each other.
- NCITE Traffic Operations and Maintenance Committee
 - In May 2022, this committee visited the new Minnesota Department of Transportation Sign Shop to view the shop and a new printer demo. 3M was also a participant and provided attendees with insight into the current state of the practice.
 - In June 2022, this committee visited an intersection in Woodbury, MN to view a demo of performed thermoplastics and the difference between 125 mil and 90 mil.
- NCITE Section Meeting – In September 2022, the monthly Section Meeting visited the recently completed 4 to 3-lane conversion pilot project to discuss how the project is functioning as a 3-lane and lessons learned for converting a roadway carrying over 25,000 vehicles a day to a 3-lane.
- NCITE Complete Streets and Safety Committee – To celebrate Earth Day, the Complete Street and Safety Committee and YMC hosted a spring clean-up event in Minneapolis, which included cleaning up The Mall and Midway Greenway, which are high pedestrian and bicycle areas.

Service Projects

NCITE hosted an Earth Day cleanup along the Midtown greenway to help pickup trash along the busiest bike corridor in the Twin Cities. All clean up equipment was provided to attendees.

Funding Support

In addition to the scholarship funds and Leadership ITE stipends that NCITE provides, NCITE supports its members in many ways. We have 2 fundraising events per year where we raised \$1,500 for the student scholarships and GLITE Endowment fund. Upon receipt of a written request and documentation of expenditures, the Section Treasurer is authorized to pay travel and/or registration expenses as described in the table below.

What is Funded?	Who is Funded?
Great Lakes District Annual Meeting	- Section President and Past President: Up to \$500 each. - Section Vice President shall be eligible for up to \$500 if either of the officers noted above is unable to attend. No more than two Section officers shall be eligible for reimbursement. - Great Lakes Executive Board (President, Vice President, Secretary, Treasurer, or Past President): Up to \$500.
Great Lakes District Fall Workshop	Current and Incoming Section Representative: Up to \$250 each.
ITE International Annual Meeting	- Section President and Vice President: Up to \$800 each. - Section Secretary and/or Past President: Up to \$800 if one of the officers noted above is unable to attend. No more than two Section officers shall be eligible for reimbursement.
Great Lakes District Annual Meeting <u>OR</u> ITE International Annual Meeting	- The recipient of the Young Transportation Professional of the Year Award (Award): Up to \$650 within 12 months of receiving the Award. - NCITE student chapters: Up to \$750 per school. An NCITE student chapter who wins the MWITE Traffic Bowl shall be eligible for an additional \$750 in travel expenses to attend the competition at the ITE International meeting.
ITE Student Leadership Summit	NCITE Student Chapters: \$150 once annually to each Chapter that attends an ITE Student Leadership Summit and provides NCITE with a written summary of the event for publication in the NCITE section newsletter.

LeadershipITE

NCITE has a strong commitment to LeadershipITE with four alumni and one active student, including:

- Scott Poska (Class of 2017). 2018 NCITE President
- Jeff Preston (Class of 2019). 2019 NCITE President
- Tyler Krage (Class of 2020). 2021 NCITE Vice President
- Natalie Sager (Class of 2021). 2022 NCITE President
- Morgan Nelson (Class of 2023).

All alumni of LeadershipITE and active students have been on the NCITE board and are active leaders in the Section. Recognizing the benefits to the Section of having its members participate in Leadership ITE, it is the policy of the North Central Section to offer financial assistance for participation in the program up to \$750 each for up to three Section participants per annual Leadership ITE class.

Advocacy

As an agency NCITE is proud to advocate for the transportation industry through education, networking, and service. We are a growing organization who will continue to support the advocacy of ITE. We continued to work through the proposed MUTCD changes and provided comments from NCITE.

Thank you for your consideration.

Sincerely,



Jeremy Melquist, PE, PTOE
2023 NCITE President



Philp Kulis, PE, PTOE, RSP₂₁
2023 NCITE Vice President



Natalie Sager, PE
2023 NCITE Past President



September Section Meeting 3-Lane Conversion Site Visit



Summer Social at Twins Game



October Section Meeting with ITSO



Annual Student Scholarship Winners at Annual Meeting



Younger Member Events (Snow Tubing, Earth Day Cleanup, Bike Tour)