

AASHTO Committee on Transportation Systems Operations (CTSO)

CTSO Leadership Team Meeting

May 18, 2022

11:00 AM – 12:30 PM Eastern

NOTE: This meeting will be recorded for later viewing by those unable to attend



CTSO Leadership Team Meeting – May 18, 2022

Agenda

| | |
|-----------------|--|
| 11:00AM | Opening Remarks – CTSO Chair, CTSO Co-Vice Chairs, and FHWA Liaison Welcoming New CTSO Leadership – CTSO Chair |
| 11:15 AM | AASHTO Staff Updates <ul style="list-style-type: none">▪ Transportation Operations Manual (TOM) – Gummada Murthy▪ IIJA Updates – Robert White |
| 11:25 AM | Special Permits for Divisible Loads – Freight Operations Co-Chairs |
| 11:35 AM | Research Update - Research Development & Implementation Coordinators |
| 11:45 AM | 2022 CTSO Annual Meeting – AASHTO Staff |
| 11:55 AM | NOCoe Update – Faisal Saleem |
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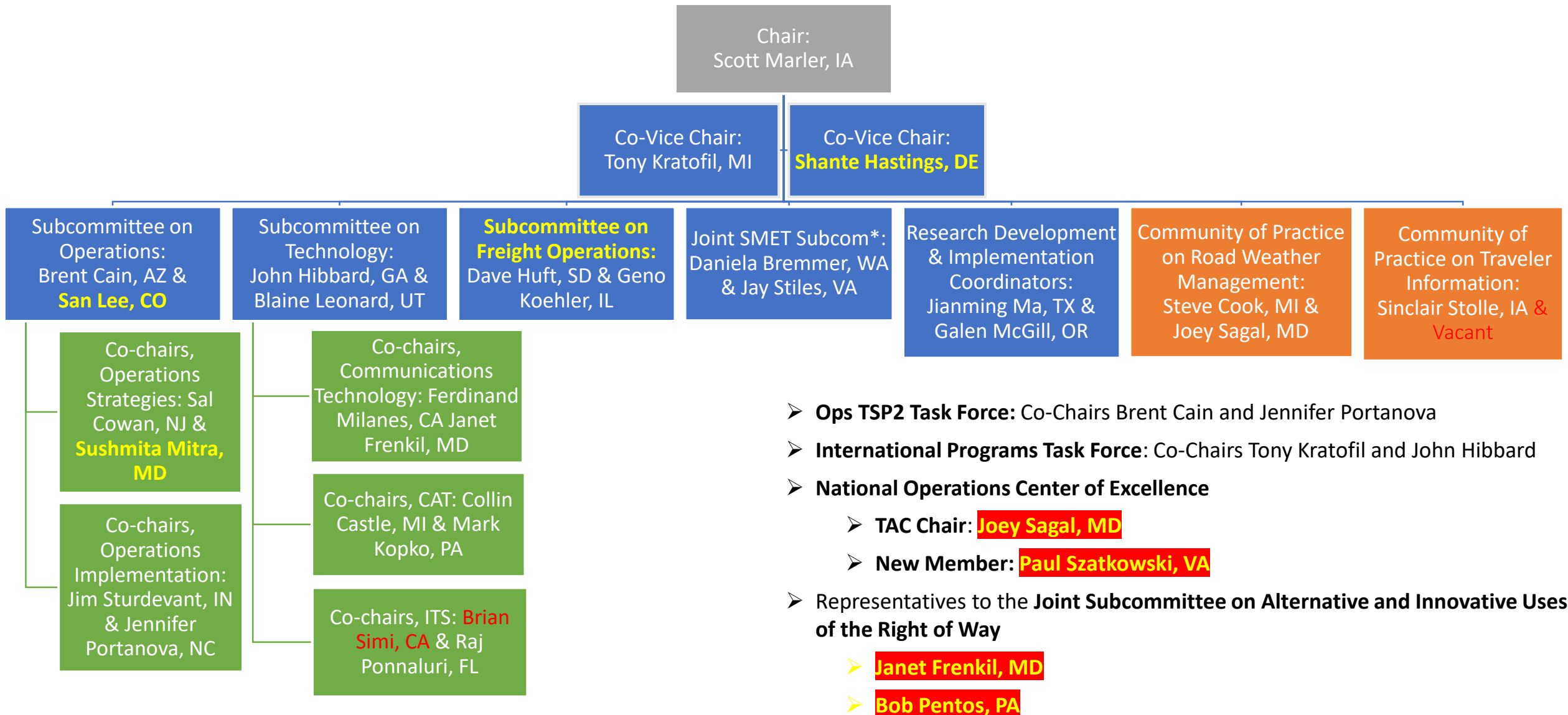
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Opening Remarks

- Scott Marler, Iowa DOT, Chair, CTSO
- Tony Kratofil, Michigan DOT, Co-Vice Chair, CTSO
- Shante Hastings, DE, Co-Vice Chair, CTSO
- Martin Knopp, FHWA

New Leaders in CTSO Organization Structure



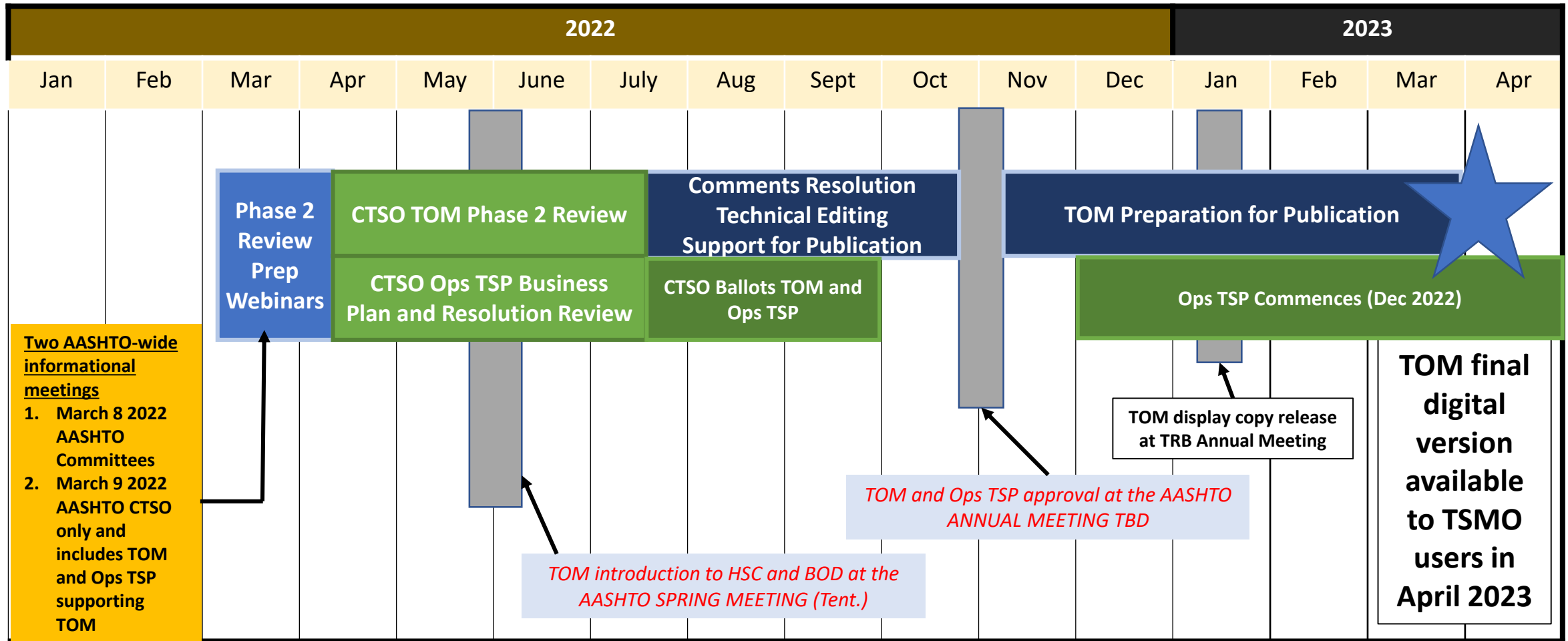
*Joint CTSO and CPBM Subcommittee on System Mobility and Emerging Technology (SMET)

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TOM AASHTO Publication, Balloting, and Approval Timeline



TOM Phase 2: Early Observations (as of 5/16/22)

- **As of 5/16/22: 36 Reviewers from 22 States**
 - 9 CTSO members
 - 27 other AASHTO Committees, or as assigned by CTSO members in their agencies
- **Due date for commenting extended to Friday, May 20**
- **Nature of comments:**
 - Some missing or broken hyperlinks
 - Re-wording or clarification / Suggestions for additional examples
 - Cross-check consistency of terms and concepts across chapters
 - Strengthen TSMO use for emergency operations and road weather management
 - Expand linkages to access and equity with use of data and technology
 - Some suggestions to improve overall flow and organization of chapters or content

TOM Schedule

1. AASHTO Spring Meeting **May 9-11, New Orleans, Louisiana**
 - I. Operations Breakfast Meeting – 7am-9am May 11th
 - II. Council on Highways and Streets Meeting
 - III. Board of Directors Meeting
2. AASHTO Committee on Traffic Engineering Annual Meeting – **June 12-16**
3. AASHTO Committee on Maintenance Annual Meeting – **July 23-28**
4. AASHTO Committee on Design and Construction Annual Meeting
5. Regional Meetings
 - **WASHTO, June 5–8, 2022 (Dallas, Texas)**
 - **NASTO, July 11-13 (Hartford, CT)**
 - **SASHTO, Aug 27-31 (Biloxi, MS)**
 - **MASHTO, July 25-27 (Des Moines, Iowa)**
6. AASHTO CTSO Meeting – **September 6-9, Phoenix, AZ**
7. ITS World Congress **Sept 18-22, LA, CA**
8. **AASHTO Annual Meeting Oct 18-22 Orlando, FL**

IIJA Notice of Funding Opportunities

U.S. DOT released a Notice of Funding Opportunity for what they are calling the [Multimodal Project Discretionary Grant Opportunity](#).

- This is a combined NOFO for three discretionary grant programs (two new, one existing) under the IIJA:
- The National Infrastructure Project Assistance (MEGA) program: \$1 billion available (new program) <https://www.transportation.gov/grants/mega-grant-program>
- The Infrastructure for Rebuilding America (INFRA) program: \$1.55 billion available (existing program) <https://www.transportation.gov/grants/infra-grants-program>
- The Rural Surface Transportation Grant (RURAL) program: \$300 million (new program) <https://www.transportation.gov/grants/rural-surface-transportation-grant>
- Combining the three funding opportunities into a single notice allows for a single application which will hopefully help streamline the process. More information is available [here](#). Deadline for applications is **May 23, 2022**.

IIJA Notice of Funding Opportunities (cont'd)

- **Safe Streets and Roads for All Grant Program**

[Safe Streets and Roads for All \(SS4A\) Grant Program | US Department of Transportation](#). Deadline for FY22 applications is **September 22, 2022**.

FHWA IIJA Safety Notice

- **Highlights Safety Efforts Under President's Bipartisan Infrastructure Law to Protect Road Construction Crews and Drivers**

[During National Work Zone Awareness Week, FHWA Highlights Safety Efforts Under President's Bipartisan Infrastructure Law to Protect Road Construction Crews and Drivers | FHWA \(dot.gov\)](#)

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Revising 23 USC 127(i)
SPECIAL PERMITS DURING PERIODS OF NATIONAL
EMERGENCY:
Presentation to CTSO LT

Dave Huft, SD & Geno Koehler, IL



Problems

- Waiting for the President of the United States to invoke the Stafford Act can slow relief delivery and require more vehicles to move the same volume of supplies
- The threshold for a Stafford declaration is that the response is beyond the capability of the state. A localized disaster might not trigger Stafford because it is not beyond the capability of the state to respond, but there is still a need for relief supplies.
- Disasters—such as floods, hurricanes, droughts, tornadoes, snowstorms, fires, landslides, and earthquakes—can devastate a State or a group of States and warrant emergency hauling of relief supplies, but States may not permit overweight divisible loads on the Interstate Highway System until a Presidential declaration invokes the Stafford Act

Solution

- Revise 23 USC 127 – Vehicle Weight Limitations to allow more flexibility in how Special Permits are issued

Benefits

- Reduce the time needed to resupply and end the local emergency in a shorter timeframe
- Simplify routes since governors can already increase allowable weights on state and local roads
- Relieve confusion for carriers on which roads can be traveled

Coalition Building

Who's On Board?

- American Association of State Highway and Transportation Officials (AASHTO)
- Commercial Vehicle Safety Alliance (CVSA)
- American Trucking Associations (ATA)
- Specialized Carriers and Rigging Association (SCRA)

Who else are talking to?

- National Governors Association (NGA)
- National Emergency Management Association (NEMA)
- Governors Highway Safety Association (GHSA)
- Owner-Operator Independent Drivers Association (OOIDA)
- National Tank Truck Carriers (NTTC)
- Utility associations
- Railroad Companies
- Red Cross

AASHTO Engagement

- Freight Planning Task Force (April)
- Committee on Transportation System Security and Resilience (April)
- Committee on Transportation System Operations (May 2)
- Special Committee on Freight (AASHTO Spring Meeting)
- Operations Breakfast (AASHTO Spring Meeting)
- Committee on Bridges and Structures (June)
- Council on Highways and Streets (Summer)

23 USC 127 – Vehicle Weight Limitations

Current Language

- **(i)SPECIAL PERMITS DURING PERIODS OF NATIONAL EMERGENCY.—(1)IN GENERAL.—**Notwithstanding any other provision of this section, a State may issue special permits during an emergency to overweight vehicles and loads that can easily be dismantled or divided if—**(A)**the President has declared the emergency to be a major disaster under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et seq.);
- **(B)**the permits are issued in accordance with State law; and
- **(C)**the permits are issued exclusively to vehicles and loads that are delivering relief supplies.
- **(2)EXPIRATION.—**A permit issued under paragraph (1) shall expire not later than 120 days after the date of the declaration of emergency under subparagraph (A) of that paragraph.

- **(i) SPECIAL PERMITS DURING PERIODS OF NATIONAL EMERGENCY.—**
- (1) IN GENERAL.—Notwithstanding any other provision of this section, a State may issue special permits during an emergency to overweight vehicles and loads that can easily be dismantled or divided if —
 - (A)(i) the President has declared **an emergency** or a major disaster under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et seq.);
 - **(ii) the Governor of a State has declared an emergency in accordance with state law; or**
 - **(iii) FHWA has declared that an emergency exists which justifies an exemption from the limits in this section; and**
 - (B) the permits are issued in accordance with State law; and
 - (C) the permits are issued exclusively to vehicles and loads that are delivering relief supplies.
- **(2) EXPIRATION.—A permit issued under paragraph (1) shall expire not later than 120 days after the date of the declaration under subparagraph (A) of that paragraph.**
- **(3) NOTIFICATION. – The State shall notify FHWA if the state intends to issue special permits under this provision in an emergency. FHWA shall make the notice publicly available, which may include posting it online.**
- **(4) EXTENSION. – The State may extend the 120-day time period for special permits.**

Our Ask

- We want your support. We plan to have an AASHTO Resolution from CTSO go to the Transportation Policy Forum and Board of Directors.
- The specific language may change. Do you support this concept?
- Do you have any concerns? If so, what are they?
- Do you know of other groups we should contact about this?

Timeline

External Timeline

- March '22 – Task Force Meeting with AASHTO, CVSA, ATA, SCRA
- Now – Seeking input from our membership
- Summer '22 – Task Force will revise draft language based on input of each associations' membership
- Summer/Fall '22 – Each association will seek approval on revised language
- Fall/Winter '22 – Engage other groups
- Winter/Spring '23 – Seek Congressional champions and support

AASHTO Timeline

- April '22 – Update Committee on Planning's Freight Task Force, Committee on Transportation System and Security, Emergency Management Working Group
- May '22 – Update CTSO, Special Committee on Freight, Operations Breakfast at AASHTO Spring Meeting
- June '22 – Update Committee on Bridges and Structures
- Summer '22 –
 - Update Council on Highways and Streets
 - CTSO Resolution
- October '22 – Resolution presented to Transportation Policy Forum and Board of Directors

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CTSO Research Update

- Galen McGill, OR
- Jianming Ma, TX

Research & Innovation Projects

- G-14 Evaluate the Benefits of Increasing Clear Zone at Higher Speed/Traffic Volume/Crash Locations
- G-32 Signal Timing Manual: Development of the Third Edition
- 20-124 Deploying Transportation Security Practices in State DOTs
- G-24 Using Advanced Technologies to Reduce Commercial Motor Vehicle Crashes in Work Zones
- B-05 Integrating Active Transportation Data into Transportation Decision-Making
- **G-12 National Traffic Sensor System Evaluation Program**
- C-04 National Guidance for Defining Acceptable Roadside Hardware Field Performance through In-Service Performance Evaluations (ISPEs)
- B-04 Institutional Integration of Active Transportation
- **G-13 Transportation Operations Manual Best Practices Guide**
- A-10 Innovative Practices for Technology Implementation at Rural, Small, and Mid-Sized Transit Agencies
- B-09 Analysis and Assessment of the National Performance Management Data
- G-26 Capabilities, Requirements, Planning, and Preparing to Virtually Operate Traffic Management Systems (TPMS)
- A-02 Enterprise Data Warehouse Implementation Guide

Research & Innovation Projects

- A-11 Guidance in Planning for Managed Retreat as an Extreme Weather and Climate Adaptation Strategy
- C-03 Development of MASH Full-Scale Test Matrices for Additional Roadside Safety Devices
- G-28 Toward AI-Enabled Decision Support Systems for TSMO Applications
- G-11 Understanding the Impacts of Operational Changes on Safety performance
- G-15 Conflict-Based Crash Prediction Method for Intersections
- A-16 Technology Assistance for Small & Rural Transit Agencies
- A-13 A Guidebook to instruct practitioners on how to identify, assess, and implement emerging technologies
- A-14 Optimizing Invest in TSM&O to Reflect an Evolving Mobility Paradigm
- A-17 Assessing Big Data Privacy and Utility Trade-offs for Transportation Agencies
- G-06 Intersection Crash Prediction Models for Future Editions of the HSM
- G-30 Communicating Travel Time Reliability: Analytic and Visualization Methods
- D-21 Practical Ground Method and Tools for Evaluating Accuracy, Precision, and Bias of Traffic Counting Equipment
- G-27 Evaluation of Trespassing Detection and Warning Systems in the Vicinity of Highway-Rail Grade Crossings
- G-19 Improved Method to Link Crash, Emergency Medical Service, and Trauma Registry Data to Expand Safety Data Analysis and Safety Program Development
- G-16 Safety Performance of Complex Interchanges
- A-15 Managing Privacy Issues When Using and Storing Connected Vehicle Data

2022 CTSO Research Schedule

- July 15 – Research ideas due in ROPS database
- July 22 – CTSO Research Coordination review meeting
- August 1 – Distribute for ranking
- August 12 – Rankings due
- August 19 – Review rankings/develop recommendations to distribute to CTSO Leadership team
- August 22 – Distribute results & recommendations to leadership team
- September 5 -- Notification to idea submitters
- October 3 – Problem Statement Draft due
- October 4-12 – CTSO work group review
- October 24 – Final problem statement due
- October 25-28 – CTSO chair approval
- October 31 – Submit to TRB
- **November 1 – NCHRP due date**

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2022 CTSO Annual Meeting Agenda Draft

September 6 – September 9

CTSO Annual Meeting Sept. 6 Agenda

| Start | End | Time | Item | Speaker |
|---------|---------|------|----------------------------------|---------|
| 1:00 PM | 5:00 PM | 4:00 | International Task Force Meeting | TBD |
| 1:00 PM | 5:00 PM | 4:00 | IIJA TSMO Workshop | TBD |
| 1:00 PM | 5:00 PM | 4:00 | Traveler Information Systems | TBD |
| 1:00 PM | 5:00 PM | 4:00 | Road Weather Management | TBD |
| 1:00 PM | 5:00 PM | 4:00 | Work Zone Data Exchange | TBD |
| 5:00 PM | 5:00 PM | 0:00 | Adjourn | |

CTSO Annual Meeting Sept. 7 Agenda

| Start | End | Time | Item | Speaker |
|----------|----------|------|--|--------------------------------------|
| 8:00 AM | 8:15 AM | 0:15 | Opening Remarks | Scott Marler (IA), CTSO Chair |
| 8:15 AM | 8:25 AM | 0:10 | Host State Welcome | John Halikowski (AZ) |
| 8:25 AM | 8:45 AM | 0:20 | Keynote Address | TBD |
| 8:45 AM | 9:00 AM | 0:15 | FHWA Update | Martin Knopp |
| 9:00 AM | 9:15 AM | 0:15 | AASHTO Update | Jennifer Hall |
| 9:15 AM | 9:30 AM | 0:15 | CTSO Updates | Scott Marler (IA) & Gummada Murthy |
| 9:30 AM | 10:00 AM | 0:30 | Break | |
| 10:00 AM | 11:00 AM | 1:00 | State DOT CEO Roundtable | Facilitated by Scott Marler (IA) |
| 11:00 AM | 12:00 PM | 1:00 | A Conversation with CTSO Chairs Past & Present | Facilitated by Vice Chairs |
| 12:00 PM | 1:30 PM | 1:30 | NOCoe Awards Luncheon | |
| 1:30 PM | 3:00 PM | 1:30 | CTSO Research Session | Galen McGill (OR) & Jianming Ma (TX) |
| 3:00 PM | 3:30 PM | 0:30 | Break | |
| 3:30 PM | 5:30 PM | 2:00 | State DOT Roundtable | Facilitated by CTSO Vice Chairs |
| 5:30 PM | | | Adjourn/Reception | |

CTSO Annual Meeting Sept. 8 Agenda

| Start | End | Time | Item | Speaker |
|----------|----------|------|--|---|
| 8:00 AM | 8:15 AM | 0:15 | Opening Remarks | CTSO Vice Chairs |
| 8:15 AM | 9:30 AM | 1:15 | Transportation Operations Manual & Operations Technical Services Program | BC JP JH and DH & GM and LJ |
| 9:30 AM | 10:00 AM | 0:30 | Q&A | Facilitated by CTSO Vice Chairs |
| 10:00 AM | 10:30 AM | 0:30 | Break | |
| 10:30 AM | 11:15 AM | 0:45 | Knowledge Session 1 | |
| 11:15 AM | 11:45 AM | 0:30 | Subcommittee on Operations Update | Brent Cain (AZ) & San Lee (CO) |
| 11:45 AM | 12:45 PM | 1:00 | Lunch | |
| 12:45 PM | 1:15 PM | 0:30 | Diversity, Equity, and Inclusion Task Force Update | |
| 1:15 PM | 2:00 PM | 0:45 | Knowledge Session 2 | |
| 2:00 PM | 2:30 PM | 0:30 | Subcommittee on Technology Update | John Hibbard (GA) & Blaine Leonard (UT) |
| 2:30 PM | 3:15 PM | 0:45 | Knowledge Session 3: National Operations Center of Excellence | |
| 3:15 PM | 3:45 PM | 0:30 | Break | |
| 3:45 PM | 4:15 PM | 0:30 | Subcommittee on Freight Update | Dave Huft (SD) & Geno Koehler (IL) |
| 4:15 PM | 5:00 PM | 0:45 | Knowledge Session 4 | |
| 5:00 PM | 5:00 AM | | Adjourn | |
| 6:00 PM | 7:30 PM | 1:30 | CTSO Operations Task Force Business Meeting (Working Dinner) | |

CTSO Annual Meeting Sept. 9 Agenda

| Start | End | Time | Item | Speaker |
|----------|----------|------|--|-----------------------------------|
| 8:00 AM | 8:45 AM | 0:45 | Knowledge Session 5 | |
| 8:45 AM | 9:15 AM | 0:30 | Joint Subcommittee on System Mobility and Emerging Technology Update | Daniela Bremmer (WA) |
| 9:15 AM | 9:30 AM | 0:15 | Road Weather Management Community of Practice Update | Steve Cook (MI) & Joey Sagal (MD) |
| 9:30 AM | 9:45 AM | 0:15 | Traveler Information Systems Community of Practice Update | Sinclair Stolle (IA) |
| 9:45 AM | 10:15 AM | 0:30 | Break | |
| 10:15 AM | 12:00 PM | 1:45 | CTSO Business Meeting | |
| 12:00 PM | 12:00 PM | 0:00 | Adjourn | |

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NOCoE Update

- Faisal Saleem - NOCoE Director

NOCoE Update

- SAC Meeting
- NOCoE Partners MOU Signed
- TAC Chair
- TAC Restructure
- Past and Recent Achievements
- NOCoE Plans and Primer
- Upcoming Events

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High-Level Agenda

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- Tony Kratofil, Michigan DOT, Co-Vice Chair, CTSO
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