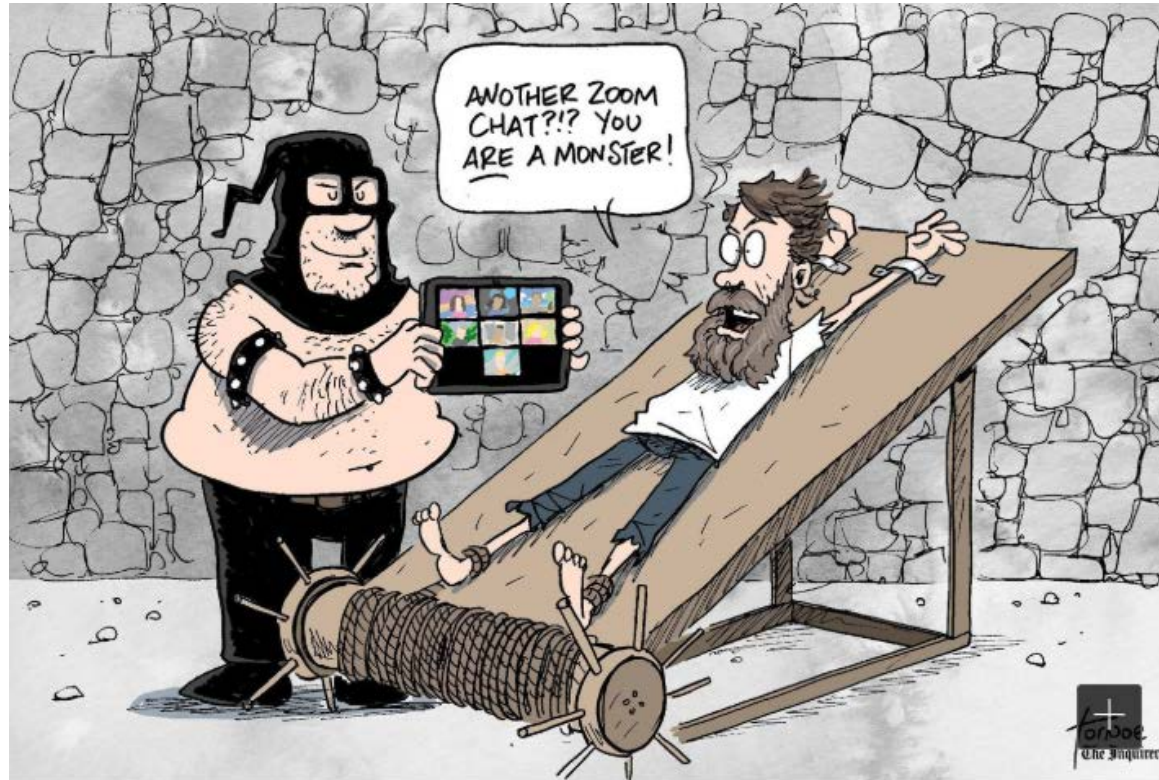


TRB Cooperative Research Programs Status report to RAC / State Reps



Christopher Hedges, Director

Current Cooperative Research Programs

- National Cooperative **Highway** Research Program (1962- \$41M.)
 - **Transit** Cooperative Research Program (1992 - \$5M)
 - **Airport** Cooperative Research Program (2005 - \$15M)
 - **Behavioral Traffic Safety** Cooperative Research Program (2017 - \$2.5M)
- + Additional research support for FHWA and AAMVA...

Impacts of COVID-19 on CRP:

- No declines in output or productivity.
- Zoom for all staff and panel meetings
- Electronic-only proposals.
- Use of Workfront for project management and panel communication.
- All internal processes and approvals being managed electronically.

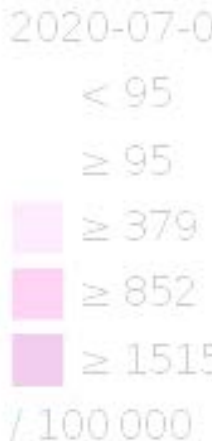
NCHRP 23-13

Synthesis of Transportation Research Needs Emerging from the COVID-19 Pandemic

Report to TRB Executive Committee

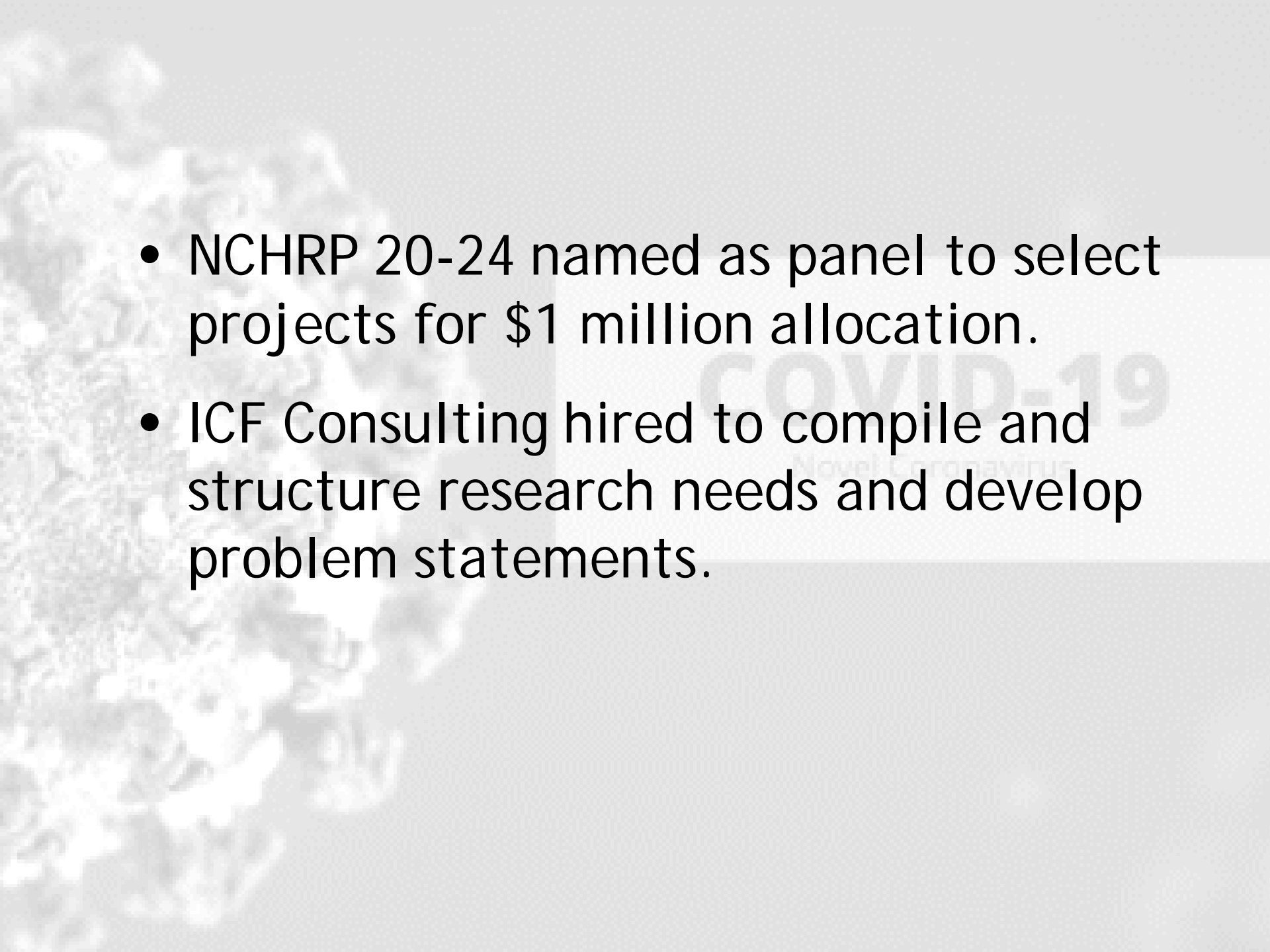
July 2020

Christopher Hedges



Background:

- AASHTO R&I allocates \$1 million in NCHRP funds to address research needs related to Covid-19, April 15
- TRB virtual brainstorming session held to collect input, April 29

- 
- NCHRP 20-24 named as panel to select projects for \$1 million allocation.
 - ICF Consulting hired to compile and structure research needs and develop problem statements.

38 problem statements in seven categories identified and submitted by ICF on July 17:

1. Operations, resilience, and disaster recovery
2. Supply chain and goods movement
3. Changes in demand, transportation planning, and data
4. Social justice, access and mobility equity
5. Effects on economics, revenues, and costs (including stimulus)
6. Governance and roles during a pandemic
7. Public health

Response	Recovery	Future
Immediate (14)	Short-term (9)	Mid-Term (15)
6-12 months	12-18 months	18+ months

Transportation Research Board

COVID-19 RESOURCES

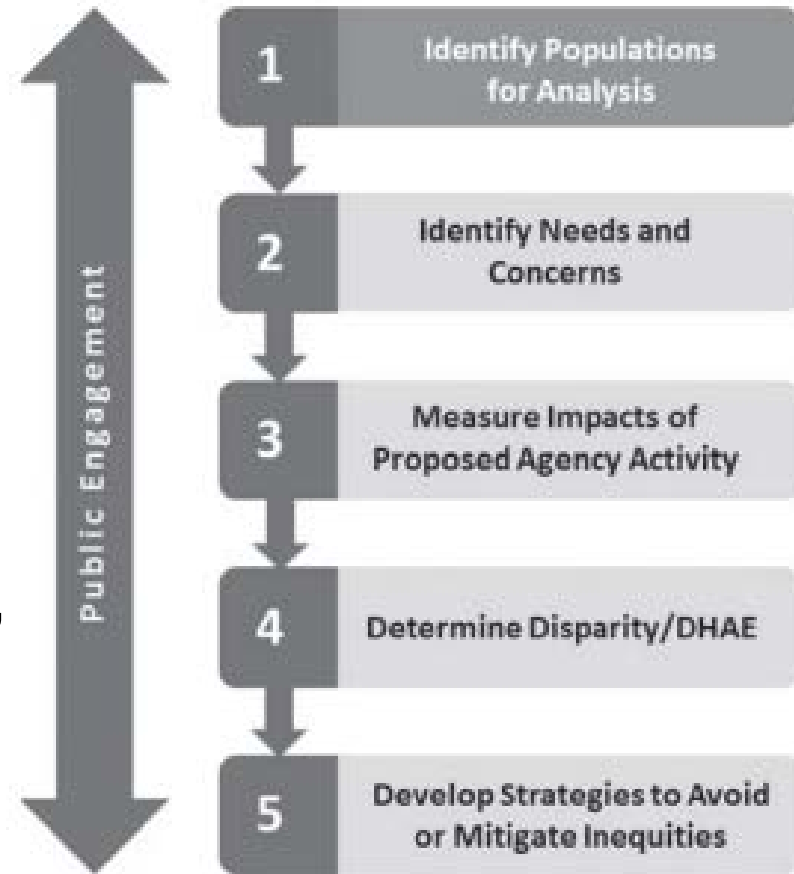
Available at:

[http://onlinepubs.trb.org/onlinepubs/nc
hrp/docs/TRBCOVID-19resourcelist.pdf](http://onlinepubs.trb.org/onlinepubs/nc
hrp/docs/TRBCOVID-19resourcelist.pdf)

Includes CRP reports, TRB, NASEM, recorded webinars, blog postings, TR Record, Standing Committees, Problem Statements.

TCRP Highlights

TCRP Research Report 214: Equity Analysis in Regional Transportation Planning Processes - help Metropolitan Planning Organizations (MPOs) analyze and address equity effectively in long-range, regional, multimodal transportation planning and programming processes.





ACRP Highlights:

Virtual Insight Event, ***Flight Plan to Recovery: Preparing Airports and Their Business Partners for the Return of the Flying Public***, held May 28.

Presentations and the full webinar at:

<http://www.trb.org/ACRP/ACRP-Insight-Event-COVID19.aspx>



BTSCRIP Highlights:

- Four new projects selected for FY2021. Topics include driver license testing, high-visibility police enforcement, public safety campaigns, and moped safety.
- 19 projects in total have been programmed.
- First reports should be published later this year.

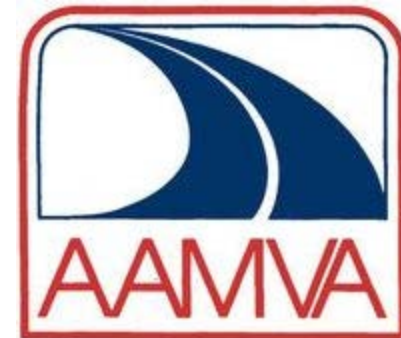
For FHWA:

- 2 infrastructure research projects
- 3 laboratory evaluations



For AAMVA:

- Synthesis of Trends Affecting Traditional Department of Motor Vehicles (DMV) Services - Updated to include Covid-19



Recent CRP Publications:

- Research roadmap on airport administration and human resource issues. (ACRP)
- Guidebook for deploying zero-emission transit buses (TCRP)
- Guidebook for managing data from emerging technologies for transportation.

Recent CRP Publications (cont'd)

- Guide to emergency management at state Transportation Agencies.
- Update of security 101 - A physical security and cybersecurity primer for transportation agencies
- Guide to ensuring access to the results of federally funded transportation research.



"I can't remember—do I work at home or do I live at work?"