

NCHRP and Implementation

2019 RAC Summer Meeting

July 2019



TRANSPORTATION RESEARCH BOARD

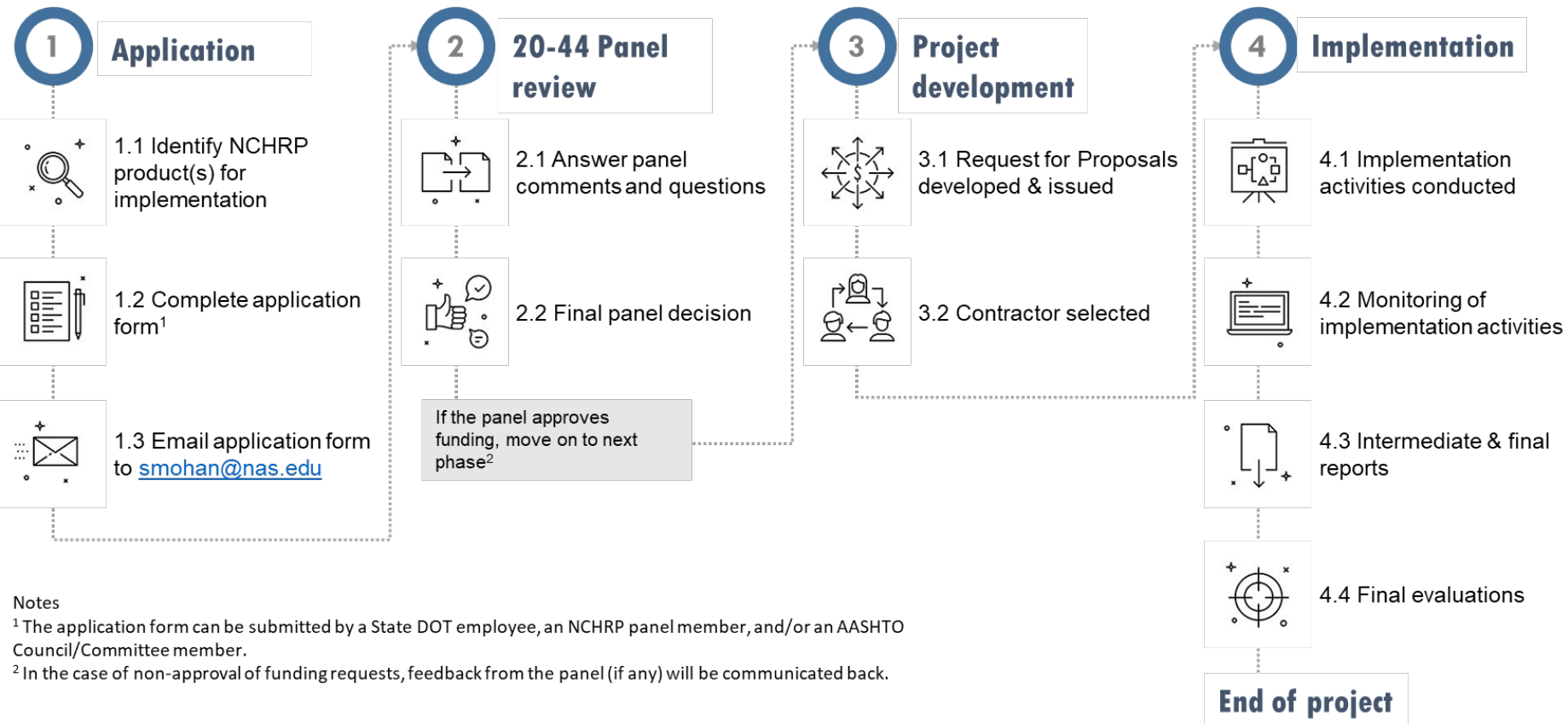
The NCHRP Implementation Support Program (NCHRP Project 20-44)

Implement

- Completed and in-development products eligible.
- No minimum or maximum amounts.
- Funding based on readiness, implementation plan, and potential impacts.
- Current NCHRP panels, State DOTs, or AASHTO Committees/Councils can apply.
- No deadline for applications.
- Implementation overseen by a panel of experts managed by NCHRP staff.
- Does not pay for continuation of research.

The NCHRP Implementation Support Program Process

Implement



Notes

¹ The application form can be submitted by a State DOT employee, an NCHRP panel member, and/or an AASHTO Council/Committee member.

² In the case of non-approval of funding requests, feedback from the panel (if any) will be communicated back.

Since January 2019...

17 implementation related enquiries

13 implementation requests submitted

8 requests worth **\$1.3 million** funded

Average **1.9** years duration and **\$165,000** cost

Efforts range from **\$45,000 to \$385,000**

Example implementation projects

Project		Implementation activities		
NCHRP Project 03-121	Incorporating Freight, Transit and Incident Response Stakeholders into Integrated Corridor Management (ICM): Processes and Strategies for Implementation	Peer exchange	Workshops	Training materials
NCHRP Research Report 887	Underwater Installation of Filter Systems for Scour and Other Erosion Control Countermeasures	Workshop	Training materials	
NCHRP Report 814	Implementing a Transportation Agency Data Self-Assessment	Training materials	Workshops	Community of practice

Incorporating Freight, Transit, and Incident Response Stakeholders into Integrated Corridor Management (ICM)

Implement

Amount requested: \$250,000

Duration: 18 months

Source: NCHRP Project 03- 121

- Conduct five workshops at different locations.
- Directly assist transportation agencies in successfully achieving their ICM objectives.
- Technical memorandum with a summary of findings from each workshop to enable future implementation.

The 20-44 Panel has learned a lot...

- The application needs to answer “Why, Who, What, When, Where and How”
- Not all research products are in an implementable form
- Capacity and resource challenges exist within states
- Change takes time
- There’s a lag between research need expressed and research product delivered
- Researchers may not be the best implementers
- Value and benefits take time to realize

...and we'd like to put that to work

Implement

- Streamline funding application process and guidance
 - Create implementation plan template for all projects
 - Coordinate with TRB and AASHTO committees
 - Design “pathways to implementation”
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Evaluate

- Guide ‘Value of Research’ project
 - Case studies of funded implementation projects
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Sustain

- Revamp NCHRP Implementation projects website
 - Develop strategic relationships with AASHTO and FHWA programs
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Communicate

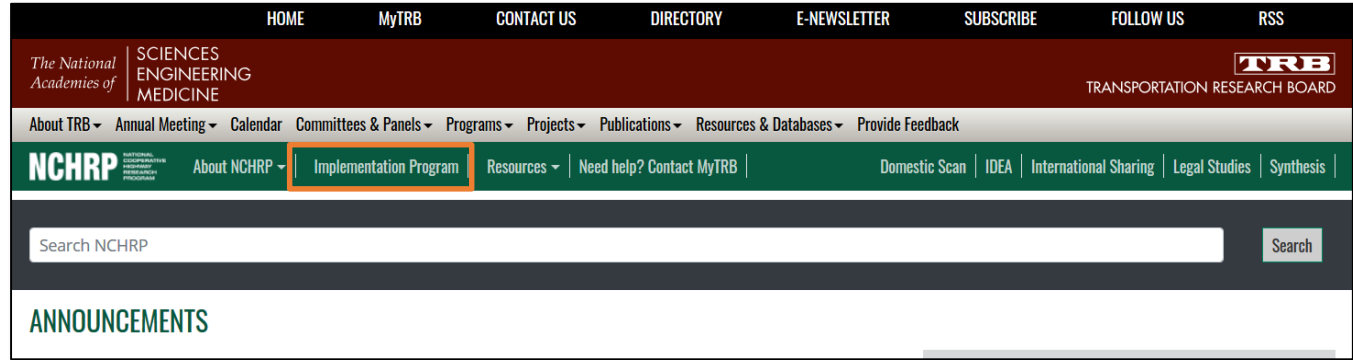
- Implement new communications products and strategies

For more information

Visit our website

bit.ly/NCHRP-ISP

Or use this link >>



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This is your
NCHRP