

TRB Cooperative Research Programs: Anatomy of an NCHRP Problem Statement

Title	<ul style="list-style-type: none"> Communicates what the research is about, succinctly.
Background	<ul style="list-style-type: none"> 1-3 paragraphs: <u>problem</u>, <u>need</u>, <u>how</u> product will be used & by <u>whom</u>.
Literature Search Summary	<ul style="list-style-type: none"> Demonstrates research is <u>not</u> duplicative. TRID http://trid.trb.org, has Research in Progress database. <i>Literature Searches and Literature Reviews for Transportation Research Projects</i> http://www.trb.org/Publications/Blurbs/172271.aspx
Research Objective	<ul style="list-style-type: none"> Succinctly describes desired research outcomes & expected final products (e.g., guidelines, test method, manual, process). Demonstrates the objective can be achieved & the estimated funding is justified.
Implementation Planning	<ul style="list-style-type: none"> Support State DOTs may need to implement results. Consider activities that facilitate dissemination and implementation of the research products.
Estimate of Problem Funding & Research Period	<ul style="list-style-type: none"> Estimate of funds needed to accomplish objectives AND initial activities to facilitate the dissemination & implementation of products.
Urgency & Potential Benefits	<ul style="list-style-type: none"> Anticipated product, the potential benefits of research & successful deployment of the results. Explain how agencies could use and benefit from the research results. <u>Potential negative impacts</u> if the research is not funded.

TRB Cooperative Research Programs

Anatomy of an NCHRP Problem Statement

AASHTO Special Committee on Research and Innovation—the NCHRP’s governing body— selects projects based on four key factors:

- 1 Value — how well the research addresses critical needs & strategic objectives of state DOTs.
- 2 Likelihood objective can be achieved within the of proposed time and funds.
- 3 Likelihood that the research will produce implementation-ready products.
- 4 Likelihood that the research will be implemented by state DOTs.

TRB Cooperative Research Programs: Panel Nomination Information

Duties	Commitments	Panel Nomination Process
<p><u>Provide guidance on technical aspects of the research:</u></p> <ol style="list-style-type: none"> 1. Translate the problem into a project statement with well-defined objectives (RFPs). 2. Review proposals and recommend contract awards. 3. Monitor research in progress. 4. Provides technical guidance. 5. Determines the acceptability of Final Report. 	<p><u>Will not submit or participate in preparation of proposals on projects under their jurisdiction.</u></p> <ol style="list-style-type: none"> 1. Serve without compensation. <u>Reimbursed</u> for travel and subsistence expenses. 2. Generally, <u>2 meetings</u>, and normally in Washington, D.C. <p>Meeting 1: Develop RFP that is used to solicit proposals.</p> <p>Meeting 2: Select a research organization from among those submitting proposals.</p>	<p>Individuals may <u>nominate themselves</u> or <u>others</u>, and should have expertise <u>directly relevant</u> to the proposed project topic.</p> <ol style="list-style-type: none"> 1. Complete panel nomination application. 2. Submit application by deadline. <p><u>JUNE 10, 2019:</u> <u>NCHRP SYNTHESIS FY2020</u></p> <p><u>JUNE 17, 2019: NCHRP FY2020</u></p> <p><u>More on how to volunteer.</u></p>

TRB Cooperative Research Programs: NCHRP Panel Nomination Information

Synthesis Nomination

* indicates required values

* Select

Topic(s):

(Hold

'Ctrl' to

select

multiple

topics)

* Nominee C

Prefix:

*First Name

*Last Name

*Employer:

51-01 - Practices for Construction-Ready Digital Terrain Models

51-02 - Practices for Bridge Approach Pavement Details and Bridge Approach Pavement Support Details for Durability, Ride and Wat

51

51

Planned Gifts

Volunteer

Join / Support

Global Affiliate Sustaining Circle

Submit a Proposal

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Submit Applications for NCHRP Panels by June 17, 2019 for the FY 2020 Program

TRB's National Cooperative Highway Research Program (NCHRP) is soliciting nominees to serve on panels for new projects being established under the FY 2020 NCHRP program. Nominees should have expertise directly relevant to the proposed project topic. TRB encourages the nomination of women and members of minority groups. Submit nominations no later than June 17, 2019, to be considered serving on an FY 2020 project panel.

Nominees are encouraged to [submit an application online](#). New this year, applicants are encouraged to include membership in AASHTO Committees or TRB Standing Committees, which will facilitate the movement of completed research into practice after a project is completed.

Although the FY 2020 projects are tentative, please review [descriptions of each new project](#). View additional details on the [role of NCHRP panel members](#). The NCHRP staff serves as the secretariat. If a nominee is not selected, please understand that there are a number of factors considered in forming well-balanced and objective panels. Although expertise is the primary factor, an attempt is made to achieve an appropriate balance in terms of geographic areas, organization or agency types, and gender and ethnic diversity.

E-Newsletter Type: [TRB News](#)

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[FY2020 NCHRP Projects.](#)

AASHTO Council on Public Transportation Projects: 23-04, 08-130, & 08-131

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