

**TRANSPORTATION POOLED FUND PROGRAM  
 QUARTERLY PROGRESS REPORT  
 for  
 National Road Research Alliance (NRRRA)  
 Phase – 1 (2016-2021)  
 Phase – 2 (2021-2026)  
 Phase – 3 (March 2026 - 2031)**

**Lead Agency:** Minnesota Department of Transportation

<b>Transportation Pooled Fund Program Project #</b> TPF-5(341) <a href="http://www.pooledfund.org/Details/Study/590">http://www.pooledfund.org/Details/Study/590</a> TPF-5(466) <a href="https://pooledfund.org/Details/Study/693">https://pooledfund.org/Details/Study/693</a> TPF-5(564) <a href="https://pooledfund.org/Details/Study/1797">https://pooledfund.org/Details/Study/1797</a>		<b>Report Period:</b> 2026 - Quarter 1 (January 1 – March 31, 2026)
<b>Project Title:</b> National Road Research Alliance – NRRRA <a href="http://www.dot.state.mn.us/mnroad/nrra/index.html">http://www.dot.state.mn.us/mnroad/nrra/index.html</a>  NRRRA quarterly reports for Phase - 1, 2, 3 are being combined because of existing projects in phase - 1 and 2 are still ongoing and still pertain to the NRRRA efforts that are being done in phase-3. Only the Phase-3 (TPF-5(564)) website will be updated with the quarterly report for NRRRA. Individual budgets are normally attached to this quarterly report but is not included this quarter to allow for MnDOT to update its reporting database. Phase-3 has now started as of March 2026.		
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<b>Lead Agency Project ID:</b> None	<b>Other Project ID (i.e., contract #):</b> None	<b>Project Start Date:</b> Phase 1 - February 22, 2016 Phase 2 – February 22, 2021 Phase 3 – March 1, 2026
<b>Original Project End Date:</b> Phase 1 - September 30, 2018 Phase 2 – February 22, 2026 Phase 3 – February 27, 2031	<b>Current Project End Date:</b> Phase 1 – February 22, 2021 Phase 2 – February 22, 2026 Phase 3 -	<b>Number of Extensions:</b> Phase 1 – not closed out Phase 2 – not closed out Phase 3 - NA

**Project schedule status** → On schedule

**Phase – 1 TPF-5(341) Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Costs obligated to Date for Project</b>	<b>Percentage of Time and Funding Completed to Date</b>
\$5,000,000	SPR Funds Budgeted = \$4,957,083 (99%) Invoices Paid = \$4,863,708 (99%) Remaining not spent = \$42,737 All projects complete – closeout requested to MnDOT <b>(no update for this quarter)</b>	Complete as of Feb 22, 2021 All contracts are complete Phase-I close-out can start

**Phase – 2 TPF-5(466) Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Costs obligated to Date for Project</b>	<b>Percentage of Time and Funding Completed to Date</b>
\$7,984,019 (SPR received) \$650,000 (MnDOT received)  <b>\$8,634,019</b> <b>(NRRR Totals Income)</b>	<b>Contracted Efforts = \$8,618,068 (99%)</b> Paid to Contracted Efforts = \$5,793,772 (73%) <b>Funds Remaining to contract = \$15,951</b>  <b>(no update for this quarter)</b>	Time = 59/60 months (97%)

**Phase – 3 TPF-5(564) Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Costs obligated to Date for Project</b>	<b>Percentage of Time and Funding Completed to Date</b>
\$ (SPR received) \$ (MnDOT received)  <b>\$8,634,019</b> <b>(NRRR Totals Income)</b>	<b>Contracted Efforts = \$ (%)</b> Paid to Contracted Efforts = \$ (%) <b>Funds Remaining to contract = \$</b>  <b>(no update for this quarter)</b>	Time = 1/60 months (2%)

**Project Description:**

This pooled fund phase-3 is open for new states and they can join at any time. This pooled fund will help direct and complement the use of the MnROAD test track for local, regional and national research, tech transfer and implementation. Road owner agencies will provide input and participate in the decision making needed for future MnROAD construction and research scheduled in 2017 (Phase-I) and in 2022 (Phase-2). In Phase-I MnDOT and Missouri have funded construction in both states while Phase-2 MnDOT, Missouri, Wisconsin will fund 2022-2023 construction of test sections. Phase 3 is expected to again fund MnROAD construction in 2027 and 2028 along with supporting research and implementation as directed by the technical teams and overseen by the executive committee. MnROAD will continue to support common goals. Industry and academia will also play an important role in providing critical input on long-term future trends in research and barriers to implementation, including working with their customers and members who play a direct role in implementation.

**Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**

To date 13 government agencies and over fifty-five (85+) industry, associations, consultants, and academic institutions have become NRRA members to share their expertise and are learning about new tools and methods to improve and expand upon transportation systems nationally.

**Membership**

- Idaho joined NRRA in 2024 / Montana and Nebraska joined NRRA in 2022.
- Mississippi decided not to continue in Phase-3
- ~85+ NRRA associates participating.

**Phase-I Projects**

- Tech Transfer - 100% of the 13/13 projects complete.
- 2017 Long Term Research – 100% of the 8/8 projects complete.
- 2019 Long Term Research – 100% of the 11/11 projects complete.
- 2019 Call for Innovation Research – 100% of the 6/6 projects complete.
- 2020 Call for Innovation Research – 100% of the 7/7 projects complete.
- Requested MnDOT and FHWA close out NRRA#1.

**Phase-2 Projects**

- 2021 Long Term Research
  - 14% of the 2/14 projects completed.
  - Missouri contract for reflective cracking started
  - 1 RFP are being contracted in phase3 – perpetual pavements.
- 2023 Call for Innovation
  - 0% of the 0/16 projects completed.
- 2024 Contracting
  - 0% of the 0/2 projects completed.
- 2025 Contracting
  - Holding contracts till phase-3 starts in Feb 2026 (expected date)

**Phase-3 Projects**

- 2025 Contracting (decided in Phase-2) are being contracted this quarter
- 2026 NRRA Executive Committee has budgeted \$600K (2026) and \$300K (expected in 2027) per team for new research efforts.

**General**

- NRRA Technical Teams have met every month again this quarter which also acts as TAP meetings for each team's short and long-term research efforts.
- See the NRRA website for details on all the teams' updated activities.
- Monthly Research pays off webinars have been completed and a plan for 2026 topics are developed.
- NRRA budget for Phase-I and Phase-II are not attached at the end of this report due to MnDOT financial updates are being updated. Will do next quarter.
- NRRA met at TRB in 2026 and is now planning its annual NRRA Pavement Conference for April 2026.
- NRRA developed an overall budget for Phase-3 and has developed both a call for research and call for construction at MnROAD in 2027 and 2028.

**Anticipated work next quarter:**

The following is expected to be completed for next quarter.

- Finalize Phase-1 Pooled Fund Close Out
- Finalize Phase-2 Pooled Fund with MnDOT finance.
- Prepare for Phase-3 Start - Contracts developed for phase - 2 / 3 will then start
- Continued work on Phase-2 pooled fund efforts and reporting progress in the team meetings.
- Working on collecting member input for the NRRRA benefits document.
- MnDOT will provide updates to their financial system showing a more accurate tracking of NRRRA phase-2. Phase-2 shortfall will be funding with NRRRA#3 funding and closeouts.

**Significant Results:**

Currently this pooled fund is working well for all the members. We have shared resources and technology with each other related to intelligent construction and sustainability and have discuss a number of topics in the technical teams. More formal documentation will start to be developed as the contracts are awarded and this work begins.

- NRRRA includes 13 government members and at 85+ associate members. New agencies/associates are always welcome to join at any time during this phase.
- Many technologies transfer and long-term research needs are completed or under contract. The progress/final products are shown on the NRRRA website.
- NRRRA members are asked to continue to brainstorm how as a group we can push implementation noting that NRRRA has funding to help with this as needed in the form of contracts or travel.

**Attachment A (Income Summary)**

- Contains the NRRRA income summary (not included this quarter to allow MnDOT to update its research database.)

**Attachment B (Financial Summary)**

- Contains the funding summary along with the research progress by invoices. More detail is listed under the NRRRA team member's webpages.
- (not included this quarter to allow MnDOT to update its research database.)

**Potential Implementation:**

See the NRRRA team pages for implementation topics that are being developed – TAP members of each of the contracts and teams will be asked to help the development of implementation for the technology transfer team to push with its members. This is a focus area that is probably the hardest part of successful research. The technology transfer team will be focused on this topic in the upcoming months.

**Attachment – A1 (NRRRA Phase-1 Income) – financial Report**

- (not included this quarter to allow MnDOT to update its research database.)

**Attachment – A2 (NRRRA Phase-2 Income) – financial Report**

- (not included this quarter to allow MnDOT to update its research database.)

**Attachment – A3 (NRRA Phase-3 Solicitation Income) – 9/22/2025 pooledfund.org Reporting**

- (not included this quarter to allow MnDOT to update its research database.)

**Attachment – B1 (NRRRA Phase-1 Financial Summary and Project Invoicing) – 9/22/2025 financial Report**

- (not included this quarter to allow MnDOT to update its research database.)





**Attachment – B (NRRA Phase-2 Financial Summary and Project Invoicing) – 9/22/2025 financial Report**

- (not included this quarter to allow MnDOT to update its research database.)

