



## Federal Highway Administration Discretionary Grant Opportunity

# Low-Carbon Transportation Materials Program

The U.S. Department of Transportation Federal Highway Administration (FHWA) has released a Notice of Funding Opportunity (NOFO) for the Low-Carbon Transportation Materials (LCTM) Program.

This program will reimburse eligible recipients for the incrementally higher costs of using construction materials and products that have substantially lower levels of embodied greenhouse gas (GHG) emissions or provide an incentive amount for their use in projects. The LCTM Program will help transportation agencies update or develop specification language and conduct identification activities needed to demonstrate materials are appropriate for use on Federal-aid construction projects.

### The goals of the LCTM Program are to:

- Increase the use of lower carbon materials and products
- Facilitate the use of low carbon transportation materials
- Promote technology transfer and enhance workforce development to increase the adoption of environmental quantification techniques
- Encourage recipients to begin low carbon transportation material activities and build successful LCTM identification frameworks

### Available Funding

For FY 2022, up to \$800 million is available for LCTM awards. The LCTM funds will be awarded upon the execution of a grant agreement or project agreement with FHWA. A decision will be made if the successful applicant will administer the grant, or at the request of the successful applicant, an applicable state DOT will administer the grant.

Funds may support activities required to develop a process to demonstrate that materials meet the standard of “substantially lower embodied carbon” and are appropriate for use which includes the use of concrete (and cement), glass, asphalt mix and steel. Funding is also available for the use of eligible materials on construction projects including:

- Federal-aid highways
- Tribal transportation facilities
- Federal lands transportation facilities
- Federal lands access transportation facilities

This grant summary describes this grant opportunity. More information, including the complete NOFO, is available on [Grants.gov](https://www.grants.gov) and from [FHWA's LCTM grant program webpage](#).

Applications for the LCTM Program are due by November 25, 2024, at 11:59 PM (EST).

Published September 3, 2024

### APPLICATION DEADLINE:

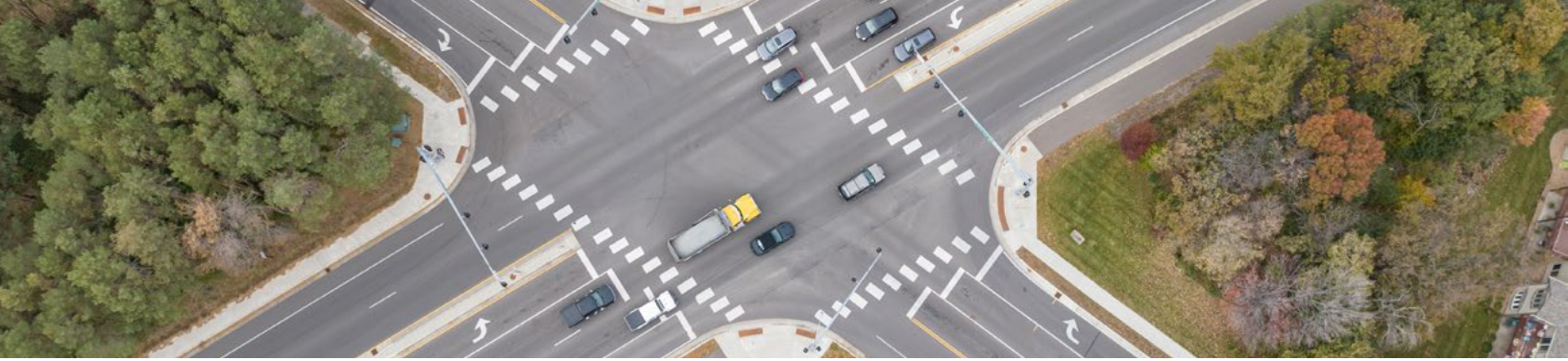
Monday

**November 25, 2024**

11:59 PM EST

### Grant Program Summaries:





## Minimum Project Cost and Cost Share

FHWA does not have a requirement for a minimum or maximum award amount. LCTM funds are eligible for up to 100% federal share, but funding may only be applied to eligible activities associated with the use of the low carbon transportation material. This program is not intended to fund the entire cost of construction projects.

## Expenditure Timeframes

All awards of FY 2022 LCTM funds are available for obligation until September 30, 2026. Once the grant agreement is fully executed and funds are obligated, funds must be expended by the period of performance end date or no later than September 30, 2031.

## Eligible Recipients

- Unit of local government
- Political subdivision of a state
- Territory of the United States
- Federally recognized Indian Tribe
- Federal land management agencies
- Metropolitan planning organization
- Special purpose district or public authority with a transportation function

## Administration Priorities and USDOT Strategic Goals

FHWA seeks to fund projects that advance the following USDOT priorities:

- Safety
- Climate change and sustainability
- Equity and environmental justice
- Workforce development, job quality and wealth creation

## Merit Criteria

FHWA will award LCTM funds based on evaluation of the following merit criteria:

- Substantially lower embodied carbon identification
- Quality assurance and materials acceptance
- Use of materials and products on construction projects
- Schedule and budget

## Application Requirements

- Standard SF-424 Forms
- Volume 1: Technical Application
- Volume 2: Budget Application
- Volume 3: Additional Supporting Documentation (as needed)

**Your Infrastructure Finance professionals stand by ready to support project sponsors applying for funding from the Low-Carbon Transportation Materials Program.**

**If you need any assistance or have questions, please contact:**

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