**Low Carbon Transportation Materials Program**

***This is only a summary; applicants should not rely on it to meet application requirements.***

***Study the full grant opportunity announcement before applying for any federal grant.***

**Program Description –** The LCTM Program provides funding for the use of construction materials that have substantially lower levels of greenhouse gas (GHG) emissions. The purpose of the program is to reimburse the incrementally higher costs of using or provide an incentive amount to eligible recipients for the use, in projects, of construction materials and products that have substantially lower levels of embodied GHG emissions, as described by the Environmental Protection Agency (EPA), associated with all relevant stages of production, use, and disposal as compared to estimated industry averages of similar materials or products. Under this NOFO, qualifying concrete (and cement), glass, asphalt mix, and steel materials/products that meet the substantially lower embodied carbon requirements are currently eligible.

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| Opportunity Numbers – 693JJ325NF00002 | | | **Agency –** USDOT FHWA | | |
| **Obligation Deadline:** September 30, 2026 | | | **Closing –** November 25, 2024, 11:59 PM EST | | **BCA Required?** No |
| **Available Funding:** Up to $800 million | | | **NOFO & Related –** <https://www.grants.gov/search-results-detail/356233> | | |
| **Minimum Award:** No minimum or maximum award amount. | | | **Eligible Project Cost Restrictions:** The program is not intended to fund entire construction projects. While LCTM funds are eligible for up to 100 percent Federal share, LCTM funds may only be applied to eligible activities associated with the use of the low carbon transportation material. | | |
| **Eligible Activities:** broad list (s*ee NOFO pages 12-17 for detail)* could include, but not be limited to:   * Low Carbon Transportation Materials Identification Process Development * Use of Eligible Materials on Construction Projects | | | **Required Cost Share:** None. This program may reimburse an amount equal to the incrementally higher cost of using eligible materials and products or an incentive amount equal to 2 percent of the cost of using low-embodied carbon materials. | | |
| **Project Limitation:** LCTM funding shall not be used for projects that result in additional through travel lanes for single-occupant passenger vehicles. | | |
| **Project Outcome Criteria:** FHWA will award LCTM funds based on an evaluation of merit these criteria: | | | | | |
| **Substantially Lower Embodied Carbon Identification** | **QA and Materials Acceptance** | **Use of Materials and Products on Construction Projects** | | **Schedule and Budget** | |
| **Overall Application Rating –** FHWA will assign each eligible application an overall rating of “Responsive” or “Not Responsive”.   * A rating of **“Responsive”** will be assigned to a project that substantively addresses each evaluation factor and provides sufficient information to determine that the project meets statutory eligible application criteria. * A rating of **“Not Responsive”** will be assigned to a project that does not substantively address each evaluation factor and/or does not provide sufficient information to determine that the project meets statutory eligible application criteria. | | | | | |
| **Evaluation of Administration Priorities and Department Strategic Plan Goals:** the Technical Review Team will determine whether the applications demonstrate the planned activities included in their application support the Administration Priorities and Departmental Strategies Goals (e.g. Safety, Climate Change and Sustainability, Equity and Environmental Justice, and Workforce Development Job Quality and Wealth Creation). | | | | | |

**Eligible Applicants –** This NOFO is to solicit applications from eligible entities other than the State department of transportation (State DOT). Eligible applicants include: (1) a unit of local government; (2) a political subdivision of a State; (3) a territory of the United States; (4) an entity described in 23 U.S.C. 207(m)(1)(E); (5) a recipient of funds under 23 U.S.C. 203; (6) a MPO as defined in section 23 U.S.C. 134(b)(2); (7) a special purpose district of public authority with a transportation function.

**Eligible Projects –** provides funds for eligible activities including the use of eligible materials on construction projects funded under 23 U.S.C., including projects on:

1. Federal aid highways;

2. Tribal transportation facilities;

3. Federal lands transportation facilities; and

4. Federal lands access transportation facilities.

Funds are also available to use for activities required to develop a process to demonstrate materials meet the standard of ‘substantially lower embodied carbon’ and are appropriate for use.

**Eligible Project Costs –** LCTM funds may only be applied to eligible activities associated with the use of the low carbon transportation material. The program is not intended to fund entire construction projects.

**Application & Narrative Requirements –** Required components include **SF-424, SF-424C, SF-42D, SF-LLL, Technical Application (limit 15 pages), Budget Application; and Additional Supporting Document (limit 15 pages).** For construction projects, required forms include **Standard Forms 424C** and **424D.** FHWA Technical Application recommendations: single-spaced document, using a standard 12-point font such as Times New Roman, with 1-inch margins. Text in tables may be smaller than 12-point font but must be legible. Appendices may include documents supporting assertions or conclusions made in the 15-page technical application and do not count towards the 15-page limit. Front matter, back matter, and references do not count towards the 15-page limit. Cross-referencing to avoid information redundancies.