

FY 2022-2026 Advanced Digital Construction Management Systems (ADCMS) Grant

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 program is intended to promote, implement, deploy, demonstrate, showcase, support, and document the application of ADCMS, practices, performance, and benefits.

Opportunity Numbers – 693JJ324NF00022		Agency – USDOT, FHWA	
Obligation Deadline: Within 12 months of the award date		Closing – For FY 2024, July 30, 2024, at 11:59 PM EST	BCA Required? No, but does require a Budget Application Section (see below)
Period of Performance – 1 to 4 years from the effective date of the grant award.			
Available Funding: Estimated \$34M Cost reimbursement grant with cost-sharing		NOFO & Related – https://grants.gov/search-results-detail/354601 Anticipated Award Date – Fall 2024	
Minimum Award: \$1M; Maximum Award: \$5M Expected number of awards – 20 (this round only); 10 otherwise Eligible applicants may submit up to three applications per fiscal year, except this round combining FY 22 and 23 funding where they can submit up to six.		Eligible Project Cost Restrictions: FHWA will not consider costs incurred prior to award or funds expended or encumbered prior to award towards the matching requirement for any project. Required Cost Share: Federal grant – 80%, remaining 20% from non-Federal sources. Federal funds using their appropriate matching share may be leveraged for the project but cannot be considered matching funds under an application unless supported by statute	
Eligible Projects: <ul style="list-style-type: none">Activities may occur throughout the project lifecycle (including through the design and engineering, construction, and operations phases) with a focus on the integration of information from design to construction to asset management.FHWA seeks to fund projects that support the “Advancing BIM for Infrastructure: National Strategic Roadmap” and related concepts that enhance the exchange and management of digital asset information.See Program Goals below for potential activities to fund; Activities must achieve one or more goals of the ADCMS program and may occur at any point during the project lifecycle.			
Statutorily Required Available Funding: None			
Merit Criteria:			
Technical and Management Approach	Promotes efficient information sharing among stakeholders	Accelerate technology adoption and deployment	
Safety	Workforce Development, Job Quality and Wealth Creation	Environment, Climate Change and Sustainability, and Equity	

Eligible Applicants – State DOTs only; DOTs are encouraged to work in partnership with other State DOTs, local governments, tribes and private industry.

Program Goals

- Accelerated State adoption of ADCMS applied throughout the construction lifecycle (including through the design and engineering, construction, and operations phases) that maximize interoperability with other systems, products, tools or applications; boost productivity; manage complexity; reduce project delays and cost overruns; and enhance safety and quality;
- More timely and productive information sharing among stakeholders through reduced reliance on paper to manage construction processes and deliverables such as blueprints, design drawings, procurement and supply-chain orders, equipment logs, daily progress reports, and punch lists;
- Deployment of digital management systems that enable and leverage the use of digital technologies on construction sites by contractors, such as state-of-the-art automated and connected machinery and optimized routing software that allows construction workers to perform tasks faster, safer, more accurately, and with minimal supervision;
- The development and deployment of the best practices for the use in digital construction management;
- Increased technology adoption and deployment by States and units of local government that enables project sponsors to integrate the adoption of digital management systems and technologies in contracts and to weigh the cost of digitization and technology in setting project budgets;
- Technology training and workforce development to build the capabilities of project managers and sponsors that enables States and units of local government to better manage projects using advanced construction management technologies and to properly measure and reward technology adoption across projects of the State or unit of local government;
- Development of guidance to assist States in updating regulations of the State to allow project sponsors and contractors to report data relating to the project in digital formats and to fully capture the efficiencies and benefits of ADCMS and related technologies;
- Reduction in the environmental footprint of construction projects using ADCMS resulting from elimination of congestion through more efficient projects; and
- Enhance worker and pedestrian safety resulting from increased transparency.

Administration Priorities – Safety; Climate Change and Sustainability; Workforce Development, Job Quality, and Wealth Creation; Equity

Application & Narrative Requirements:

Required components include: **SF-424, SF-424A**; Standard formatting: i.e. 8 ½ x 11 inch paper; page margins must be a minimum of 1-inch top, bottom, and each side. Page numbers may be located within the 1-inch margin, single-spaced, standard 12-point such as Times New Roman (no smaller)

Volume 1 Technical Application: Cover Page (should include information from Table 2 – page 13); Table of Contents; Project Description, Project Team Information, Project Readiness (includes Technical Feasibility, Project Schedule, and Project Risks and Mitigation Strategies), Responsiveness to Merit Criteria (15 page limit)

Volume 2 Budget Application: Also Include Budget Tables (by year and a summary of activities) and Grant Funds, Sources, and Uses of Project Funds-- No Page Limit

Additional Supporting Documentation: (10-page limit)