

Congress of the United States

Washington, DC 20510

August 23, 2023

The Honorable Pete Buttigieg
Secretary
United States Department of Transportation
1200 New Jersey Avenue, SE
Washington, DC 20590

RE: Support for Delaware Department of Transportation's (DelDOT) ADCMS Grant
Application: "Accelerating Digital Inspection Practices with Connected Machinery"

Dear Secretary Buttigieg,

We are writing to express our support for the Delaware Department of Transportation's (DelDOT) innovative efforts in spearheading the collaborative grant application for the Advanced Digital Construction Management Systems (ADCMS) program. DelDOT's visionary proposal titled "Accelerating Digital Inspection Practices with Connected Machinery" represents a transformative approach that promises to revolutionize safety, efficiency, and sustainability in transportation infrastructure projects not only in Delaware but across the nation.

In this era of rapid technological advancements, the role of Advanced Digital Construction Management Systems (ADCMS), enabled by the Bipartisan Infrastructure Law (BIL), has become increasingly vital. It is a call to reimagine the future of transportation infrastructure construction, and DelDOT is leading the charge by bringing together several other state Departments of Transportation (DOTs) in this bold and forward-thinking initiative.

This collaborative program, with DelDOT at the helm, is perfectly aligned with the principles of the Advancing Building Information Modeling (BIM) for Infrastructure: National Strategic Roadmap. By standardizing e-Construction data sources and driving broader adoption of BIM, DelDOT is championing a data-driven construction ecosystem that will undoubtedly shape the future of infrastructure development.

Moreover, DelDOT's unwavering focus on work zone safety and environmental stewardship is commendable. The alarming statistics from 2022, where there have been 350 work zone crashes in Delaware resulting in 32 injuries and 3 deaths, serve as a poignant reminder of the critical importance of prioritizing safety. Our constituents working on road projects should not have to worry about being injured or killed at work. By aligning their approach and technology with the Federal Highway Work Zone Data Exchange program (WZDx) and EDC, DelDOT is taking the lead in ensuring tangible advancements in safety innovation by providing real-time work zone insights to the traveling public.

As we march towards a more connected future, DelDOT's commitment to maximizing the impact of data from construction projects goes beyond its primary intended use. By converting connected plants and machines into real-time reporting sensors; DelDOT is paving the way for

immediate alerts and highly accurate, actionable, and timely communication. This advancement enhances the understanding of a project's Greenhouse Gas Emissions; allowing for more informed decision-making to reduce harmful emissions. DelDOT's leadership in integrating and automating construction sites sets an inspiring example for other DOTs to adopt similar innovative practices.

We appreciate your time and consideration of this proposal and ask that you contact us once a decision is rendered. Should you have any questions, we can be reached through our respective staff members John Gentile in Senator Carper's office at (302) 573-6291, Andrew Dinsmore in Senator Coons' office at (302) 573-6345, and Iris Turner in Congresswoman Blunt Rochester's office at (302) 830-2330.

Sincerely,



Thomas R. Carper
United States Senator



Christopher A. Coons
United States Senator



Lisa Blunt Rochester
Member of Congress