



Office of the Mayor

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January 26, 2024

The Honorable Pete Buttigieg
United States Secretary of Transportation
U.S. Department of Transportation
1200 New Jersey Ave, SE
Washington, DC 20590

Dear Secretary Buttigieg:

I write today to ask for your support of the City of Madison's "Advancing Safety and Emergency Operations through a Regional Connected Vehicle Corridor" application to the FY 2023-2024 ATTIMD/ATTAIN Grant program.

Making Madison's streets safe for everyone has been one of my top priorities. In early 2020, I challenged staff across departments to join me in adopting a Vision Zero approach and find solutions to the increasing numbers of serious traffic crashes Madison was experiencing. Our goal is to eliminate traffic fatalities and serious injuries by 2035, and we believe that technology and innovation is a critical part of the solution.

The City's project deploys next generation emergency vehicle traffic signal preemption at 37 intersections and pilots snowplow traffic signal priority in association with red-light running collision warning systems, through signalized intersections in Madison along 10 miles of US 151, a critical roadway in the region serving and connecting many communities. Additionally, the program leverages the existing Smart City investments made along the Smart Park Street Corridor by the City. The Park Street Corridor and US 151 serve multiple priority census tracts and connect the community to hospitals and critical services, as well as serve surrounding municipalities.

Working together with Madison's Traffic Engineering Division, Fire Department, Streets Division, as well as partnering with Wisconsin Department of Transportation and University of Wisconsin-Madison, the ATTAIN funding will be used to deploy advanced transportation technologies to improve safety, mobility, equity, efficiency, system performance, and infrastructure return on investment.

The project focuses on anticipating and addressing critical safety concerns by predicting traffic trajectory and red-light running conflicts. Additionally, the project will utilize Connected Vehicle (CV) technology that will create vehicle-to-infrastructure and infrastructure-to-vehicle (V2I/I2V) communication to enable the City to develop and deploy next generation traffic signal preemption for emergency vehicles such as fire trucks and ambulances. The project will also enable the City's snowplows to move through the corridor more efficiently to improve the effectiveness of snow

plowing operations and to reduce weather related crashes. This approach aligns with USDOT's strategic goals as well as ATTAIN Grant Program priorities.

The deployment of advanced transportation technologies along the project corridor will strengthen our system of transport, contribute to growth in our region, reduce vulnerable roadway user injuries and save lives and most importantly, provide an example of innovation and a model of city-State collaboration for cities in Wisconsin and across the United States. Our across-agency team has an excellent record in managing federal grants and delivering results. I strongly support the City of Madison's application and look forward to the infrastructure investment in our region through the Bipartisan Infrastructure Law. Please give this 2023-2024 ATTAIN Discretionary Grant proposal your full consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "SRConway", written in a cursive style.

Satya Rhodes-Conway
Mayor