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Phone: (408) 381-4598

Sam Desue, Jr., General Manager  
TriMet  
101 SW Main St., Suite 700  
Portland, OR 97204

3/22/2024

Dear Mr. Desue,

LYT is pleased to offer its support and partnership in the TriMet and Metro Coalition application for an Environment Protection Agency (EPA) Carbon Pollution Reduction Grant (CPRG) to bring the benefits of intelligent, Next-Generation Transit Signal Priority (TSP) systems across the Portland metro region.

At LYT, we build solutions to move transit vehicles through congested intersections faster, and more intelligently than ever before, while reducing transportation emissions. LYT.transit uses a higher resolution of data than other TSP providers to make decisions on signal priority. We combine routing information, traffic conditions, vehicle location, schedule adherence, and other criteria to keep transit vehicles moving on time.

This work will build on our existing partnerships with TriMet on the Better Bus Program, and the FX-2(Frequent Express) high-capacity bus service from TriMet, which carries over 10,000 riders a day between downtown Portland, Ore. (Division Street, SE Portland) and the suburb of Gresham, with buses arriving every 12 minutes for most of the day, every day. With the help of LYT's AI-powered, next-generation Transit Signal Priority solution, FX-2 riders are now able to traverse this 13-mile route in just a half-hour's time. In addition, TriMet was LYT's first partner traffic agency to take advantage of our Travel Analytics Portal, providing key transit performance metrics used to help monitor and improve the flow of traffic in heavily trafficked corridors. TriMet is now enjoying an innovative fusion of data from transit vehicles and traffic lights to showcase how LYT.transit is improving transit vehicle performance throughout Portland and Gresham. This data helped to inform this application with more robust knowledge of the benefits of TSP, and the needs as TriMet works to expand this program.

We look forward to this opportunity for continued partnership and commit to working with TriMet and the coalition to ensure the optimal configuration of the traffic controls for NextGen TSP, testing, traffic controller licensing, and training. Thank you for your full and fair consideration of this coalition grant request to make the future of transit in the Portland metro region a reality.

Sincerely,

A handwritten signature in black ink, reading "Timothy Menard". The signature is fluid and cursive, with the first name "Timothy" and last name "Menard" clearly visible.

Timothy Menard,  
Founder and CEO  
SinWaves, Inc. d/b/a LYT