

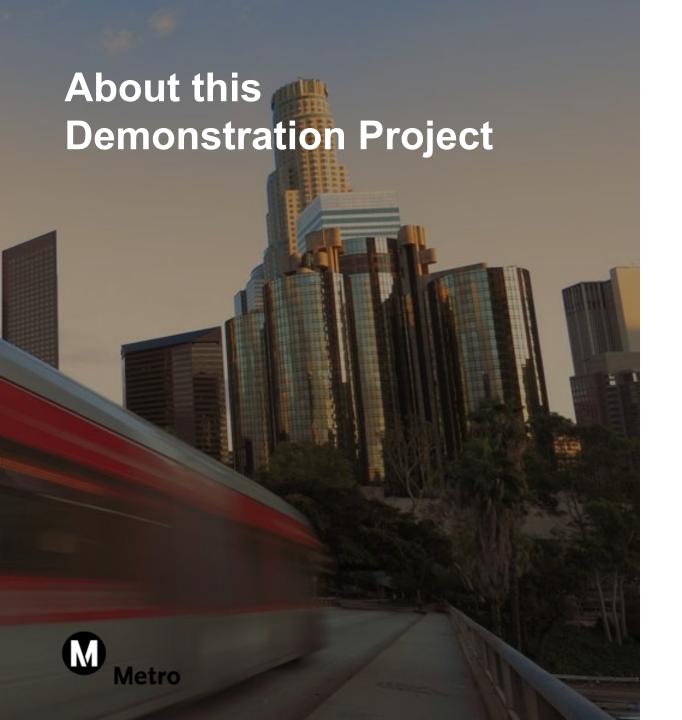
USDOT Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program

- Award amount: \$2 million
- Project period: 18 months (Jul '24-Jan '26)
- Test wireless crossing gate activation system in shadow mode at five locations along A and E lines
- Metro eligible to apply for Stage Two implementation grant (up to \$15 million)



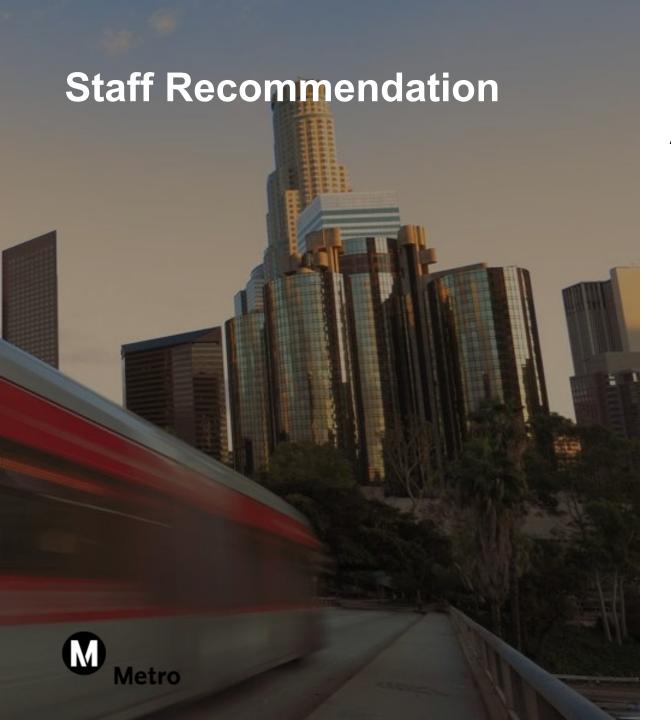
Challenge with Current Crossing Gate Activation System

- Hardwired circuits trigger crossing gates at fixed point of activation
- Crossing gates can remain closed for longer than necessary due to current configuration
- In 2019, there were nearly 3,000 instances of gate downtimes greater than five minutes on light rail system



Potential Benefits:

- Optimize crossing gate downtimes
- Reduce delays for all travelers
- Greenhouse gas emissions reductions
- Streamline communication with traffic signals, increasing efficiency and reliability of light rail system (in the long-term)



AUTHORIZE Chief Executive Officer to:

- A. PROGRAM \$2,000,000 of the Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program award for the Rail Crossing Gate Optimization Demonstration Project, and
- B. EXECUTE agreements and any contracts within the Board Approved project cost for the Rail Crossing Gate Optimization Demonstration Project.