



# CITY OF MADISON TRAFFIC ENGINEERING



215 Martin Luther King, Jr. Blvd., Suite 109 Madison, WI 53703  
(608) 266-4761 [www.cityofmadison.com/traffic-engineering](http://www.cityofmadison.com/traffic-engineering)

## Project Description

Lighting systems for the Monona Terrace Tunnel are proposed to be reconstructed in 2024 via local funding. The project will include the removal of existing conduits, fittings, junction boxes, high pressure sodium (HPS) and metal halide (MH) fixtures, and controls and replacement with non-corrosive materials, and light emitting diode (LED) fixtures. This project includes mural lighting and spot repairs to medium voltage conduits that are owned by the City of Madison, but contain electrical service conductors owned by MG&E. It includes providing infrastructure for future installation of aesthetic tunnel entrance lighting and traffic & pedestrian life safety cameras.



Existing Tunnel Lighting System to be Replaced



Existing RR Luminaires to be Replaced



Existing Electrical Controls to be Replaced



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Existing MG&E Infrastructure to be Repaired/Replaced

## Construction Costs:

- Estimated at \$1,854,097.00
  - Project is Eligible for Focus on Energy Rebate Incentives Estimated around \$10K

## Benefits:

- Safety
  - Improved Visibility for Users
  - Replacement of Corroded/Failing Infrastructure
  - Traffic & Pedestrian Life Safety Cameras
- Maintenance
  - Smart Controls for Outage Notification
  - Easier Access to Disconnects
  - Extended Infrastructure Lifespan
- Aesthetics
  - Fully Operational Lighting System
  - Modernized Luminaires and Infrastructure
  - Provisions for Mural and Tunnel Entrance Lighting
- Cost Savings
  - Energy Savings (Fewer Luminaires with Reduced Power Consumption)
  - Maintenance Savings (Fewer Incidents & Real-Time Performance Metrics)
  - Future Construction Savings (Provisions for Expansion)

## Schedule:

- Start of Project & Lane Closures Concurrent with JND Project
  - Start: October 2025
- Date to be Completed: Spring 2026