



Smart Street Lighting (P3)

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Introduction

- In June 2022, Washington, D.C.'s District Department of Transportation (DDOT) and the Office of Public-Private Partnerships (OP3) announced entering a long-term public private partnership with the Plenary Infrastructure DC (PIDC) consortium to modernize more than 75,000 lights throughout the District.
- \$309 million DC Smart Street Lighting Project will convert all the city's street and alley lights to energy-efficient LED technology with remote monitoring, wireless tech, and control capabilities.
- This modern infrastructure will reduce the lights' energy usage by more than 50 percent, eliminating 38,000 tons of greenhouse gas emissions each year and extend Wi-Fi coverage in traditionally underserved neighborhoods.
- Existing Streetlight network will continue to be maintained to ensure it is fully operational in the interim of the Conversion Work period.

P3 Street Lighting Capabilities and Benefits

The new District of Columbia P3 Street Lighting project promotes program enhancements and effective management of infrastructure assets over the lifecycle of the asset in the most effective manner. The key capabilities and benefits required in this new P3 contract can be summarized as follow:

- Install approved, pre-tested, dynamic, reliable, and environmentally responsive LED Luminaires by the developer as part of the conversion work.
- The new LED Luminaires will replace the old HPS streetlights including Dimming capability
- The new LED Luminaires will have varieties of shielding including Glare and House-side shielding
- In accordance with FCC regulations, the District will allow installing Small Cell infrastructure devices on select streetlights owned by the District
- Installing outdoor Wi-Fi Access Points (WAPs) on Poles to increase accessibility and ease of communications throughout the District especially for underserved neighborhoods.
- Ability to accurately monitor and track developer's performance using defined performance measures with improved transparency and control systems
- Increased public safety and satisfaction with reduced life-cycle maintenance costs for asset performance

SERVICE REQUEST VIA 311

Go to: <https://311.dc.gov/citizen/home>

Home Register Login
Login for more info

Service
Streetlight Repair Investigation

Location
250 M STREET SE

Details
All required details provided.

Contact

Please provide the pole number located on the black band and in yellow numbers. If none, reply "none". * Required

Is it a Street light or Alley light? * Required
 Street
 Alley

Is the light on (lit)? * Required
 YES
 NO

Are you MPD affiliated? * Required
 Yes
 No

Additional Information

Upload a file

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QUESTIONS?