



City of Dallas

Oncor Streetlight and Utility Pole Discussion

**Transportation and
Infrastructure Committee
March 26, 2024**

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Purpose



- Following discussions with the **Transportation and Infrastructure Committee on February 20, 2024**, and **City Council on February 28, 2024**, this presentation will discuss:
 - Oncor LED Streetlight Replacement
 - Oncor Utility Pole Location and Americans with Disabilities Act (ADA)-Compliance
 - Next Steps



Oncor LED Streetlight Replacement



- As briefed through a memorandum to the Transportation and Infrastructure (TRNI) Committee on February 20, 2024:
 - Oncor has approximately 72K streetlights in the City of Dallas
 - Approximately 11K lights are LED and 61K are non-LED lights
 - Following City Council's February 28th approval of the LED maintenance agreement, Oncor will begin replacing non-LED lighting with LED lights once non-LED lights reach their end of life
 - Full conversion to LED lights is estimated to occur over a 6-10-year period



Oncor LED Streetlight Replacement



- During discussion of the streetlight memorandum on February 20, 2024, the TRNI Committee requested information on accelerating the replacement of non-LED streetlights to LED
 - In recent years, the City Council has allocated \$1-\$2M in each budget cycle for lighting enhancements using a targeted approach through coordinating with the Office of Integrated Public Safety Solutions to identify locations for LED conversions
 - At an average cost of \$1,000 and a high-end cost of \$2,000 to convert non-LED lights to LED, conversion of remaining 61K non-LED lights would range between \$61M-\$122M
 - Should funding be identified, Oncor would still need between 6-7 years to complete the conversion
 - A minimal electricity savings would be realized by the City of Dallas but it would not offset the cost to accelerate conversion



ADA Compliance of Utility Poles



- During City Council's consideration of Oncor's franchise extension on February 28, 2024, City Council requested a plan to identify and mitigate Oncor's non-ADA compliant utility poles in the City's sidewalks
- The 2010 American with Disability Act (ADA) Standards for Accessible Design requires pedestrian access route clear width to be minimum of 36 inches.
- The 2023 Public Right-of-Way Accessibility Guidelines (PROWAG) (issued under Title II of ADA) requires a minimum of 48 inches exclusive of curb. Pending adoption by USDOT in 2024.
- A permit is submitted by Oncor to the City of Dallas prior to new utility pole installation or relocation
- For public CIP projects, coordination with utility poles owners are performed to ensure ADA compliance prior to construction
- Regarding existing utility poles not part of CIP projects, Oncor has a process to relocate those poles if non-ADA compliant utility poles are brought to Oncor's attention.



ADA Compliance of Utility Poles



- PBW – Right of Way Management is currently using a Service Request type of “Sidewalk Utility Obstruction” to address the poles that are not in compliance with ADA requirements
- Since FY19-20, 176 utility poles in sidewalk have been reported through 311 platform
- Oncor is estimated to have 218,530 utility poles within the City of Dallas
- Since 2019, Oncor has relocated 1,250 utility poles, although the exact number linked to ADA violations remains unclear



Oncor's ADA Plan



- Continue working with city staff to address ADA concerns
- Partner with local ADA organizations
- Work closely with the National ADA Network
- Track ADA pole relocations in Dallas
- Provide annual report to city council.



Oncor's Vegetation Management Program



- Trees are a major cause of power outages
- Vegetation management around Oncor's distribution equipment is crucial to ensuring safety and electric reliability.
- Planned maintenance and reactive trimming are conducted throughout the year
- Routine vegetation management includes maintaining transmission rights-of-way



Oncor's Vegetation Management Program



- Oncor's vegetation management plan is reviewed regularly.
- Certified line clearance contractors conduct the trimming
- **Pruning trees near powerlines is dangerous and should only be done by qualified professionals working under contract with the utility company.**
- Communication is an essential step in the Vegetation Management process



Oncor Street Light Program



Adding New Street Lights

- Streetlight requests come from the City to Oncor
- Oncor completes the design and estimate.
- Oncor generates the street light supplement and sends to the city to sign.
- Oncor sends request to construction for installation once supplement has been executed

Maintaining Street Lights

- Street light owners
- Oncor Street Light Outage System (SLOTS)
- Reporting options for Streetlight outages
- Repair Results



Questions/Answers





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March 6, 2024**

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