

2021-0877

Authorizing the City Manager to execute a construction agreement with Oncor Electric Delivery to provide a redundant electrical service to the Surface Water Treatment Plant in the amount of \$353,406.86.



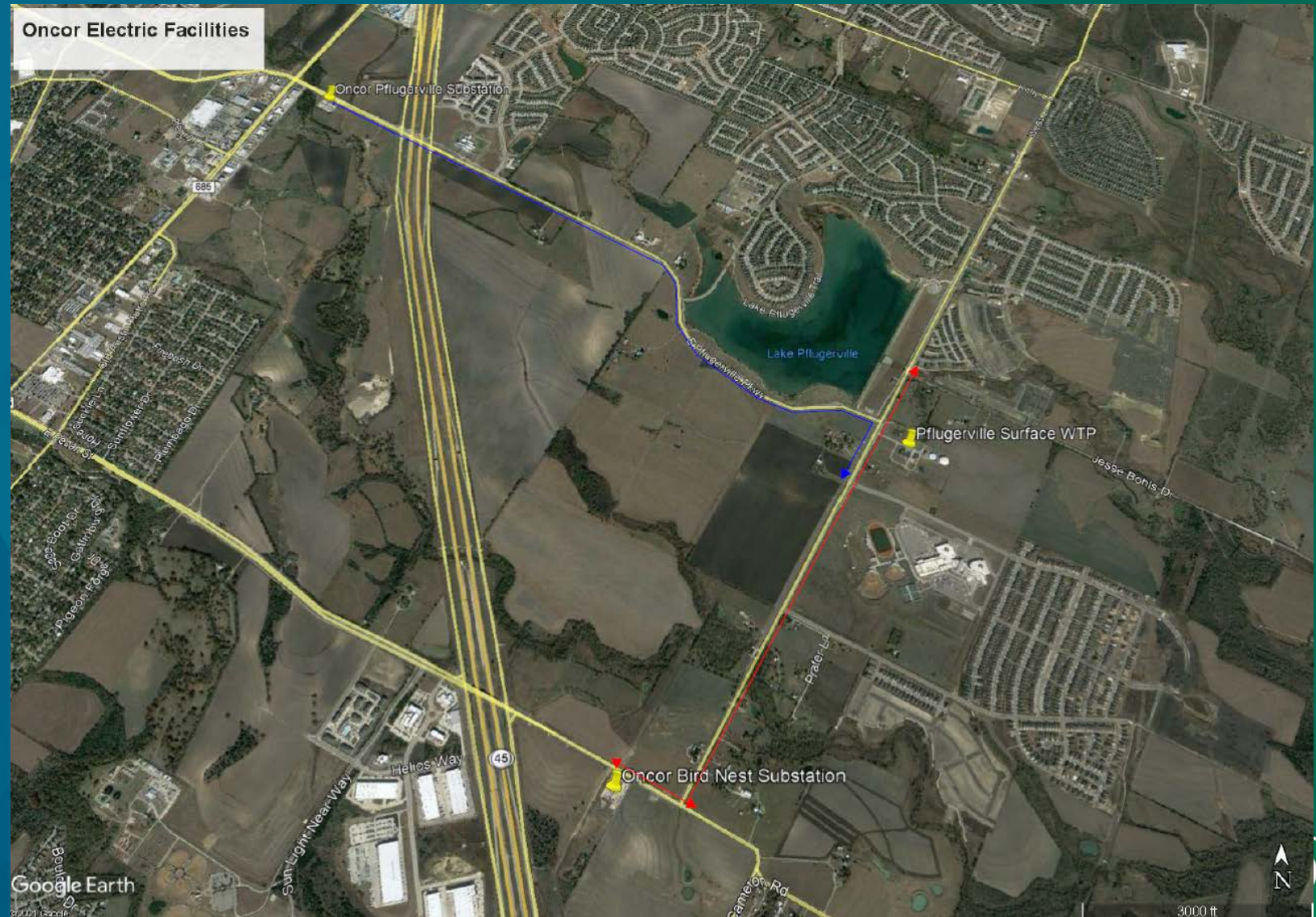
# Water Treatment System Generator Summary

- Bypassed 30% Design for both facilities.
- Working with Oncor on a redundant feed to SWTP.
- Pulled Lake Generator project from the SWTP to expedite construction.
- Pre-Purchasing Generator at SWTP to expedite.
- Design for SWTP Generator should be advertised for construction in September and brought to Council for award in October.



# Oncor Redundant Feed – Water Treatment Plant

- Currently have a single feed from the Oncor Bird Nest Substation.
- A second redundant feed can be routed from the Oncor Pflugerville Substation located at Pflugerville Parkway and SH130.
- This would only be routed to the Water Treatment Plant to minimize the timing given the timeline of the Lake Pump Station broken away from the Water Treatment Plant.
- Pros:
  - Quickest redundant option.
  - Lowest cost for infrastructure.
  - Lowest amount of sunk costs.
- Cons:
  - Still reliant on Oncor/ERCOT grid.
  - Could get slowed down depending on Oncor's work load.



# Staff Recommendation

Staff recommends authorizing the City Manager to execute a construction agreement with Oncor Electric Delivery to provide a redundant electrical service to the Surface Water Treatment Plant in the amount of \$353,406.86.

