



# LAUDERTRAC



## TRANSPORTATION AND TRAFFIC UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2022

June 2022

### EXPLORING UNDERGROUND PUBLIC TRANSIT SERVICES

On Tuesday, June 7, 2022, the Commission approved an interim agreement with The Boring Company to conduct studies to determine the feasibility of an underground public transportation system in Fort Lauderdale.

The proposed tunnel system, called The Las Olas Loop, will provide a direct connection between Downtown Fort Lauderdale and Fort Lauderdale Beach. The project will help alleviate heavy traffic along Las Olas Boulevard and mitigate parking challenges on the barrier island.

The firm, owned by Elon Musk, will use information from these studies to design the loop's alignment and stations, and determine the cost to move forward through construction and into operation and maintenance.



#### Phases of the Downtown/Beach Tunnel Project

The Commission's vote approves funding for the technical exploration, design, and a total project cost estimate.



▶ **Phase 1. Alternatives Analysis**

The Boring Company will study the existing physical environment in relation to project objectives to determine a preferred project route.



▶ **Phases 2. Geotechnical Report**

The Boring Company will oversee a geotechnical field investigation to characterize the geotechnical and environmental conditions along the alignment of the selected alternative. The firm will prepare a Geotechnical Work Plan to direct the data collection and analysis.



▶ **Phase 3. 30% Civil and Architectural Design Drawings for Tunnels and Stations**

The Boring Company will complete a subsurface feasibility study which includes the review of as-built drawings of aboveground structures, such as buildings and bridges, as well as underground structures, such as buried utilities, tunnels and abandoned structures to inform the mitigation measures required. Additionally, the firm will manage utility coordination with utility owners to ensure that the proposed system will not conflict with existing utilities and will develop a plan to construct the tunnel boring machine launch location, the stations, and ancillary facilities including logistics strategies, site layout, and truck paths.



▶ **Phase 4. Completion of Cost Estimate and Schedule for Design-Build Project Delivery**

The Boring Company will provide the City of Fort Lauderdale with a cost estimate and schedule for design-build project delivery.

Following completion of the studies, the City Commission will decide whether to negotiate a comprehensive agreement with The Boring Company.