

# HRTPO

**Regional Transit Advisory Panel (RTAP) and the Regional Housing Assessment Working Group**

**March 11, 2023**







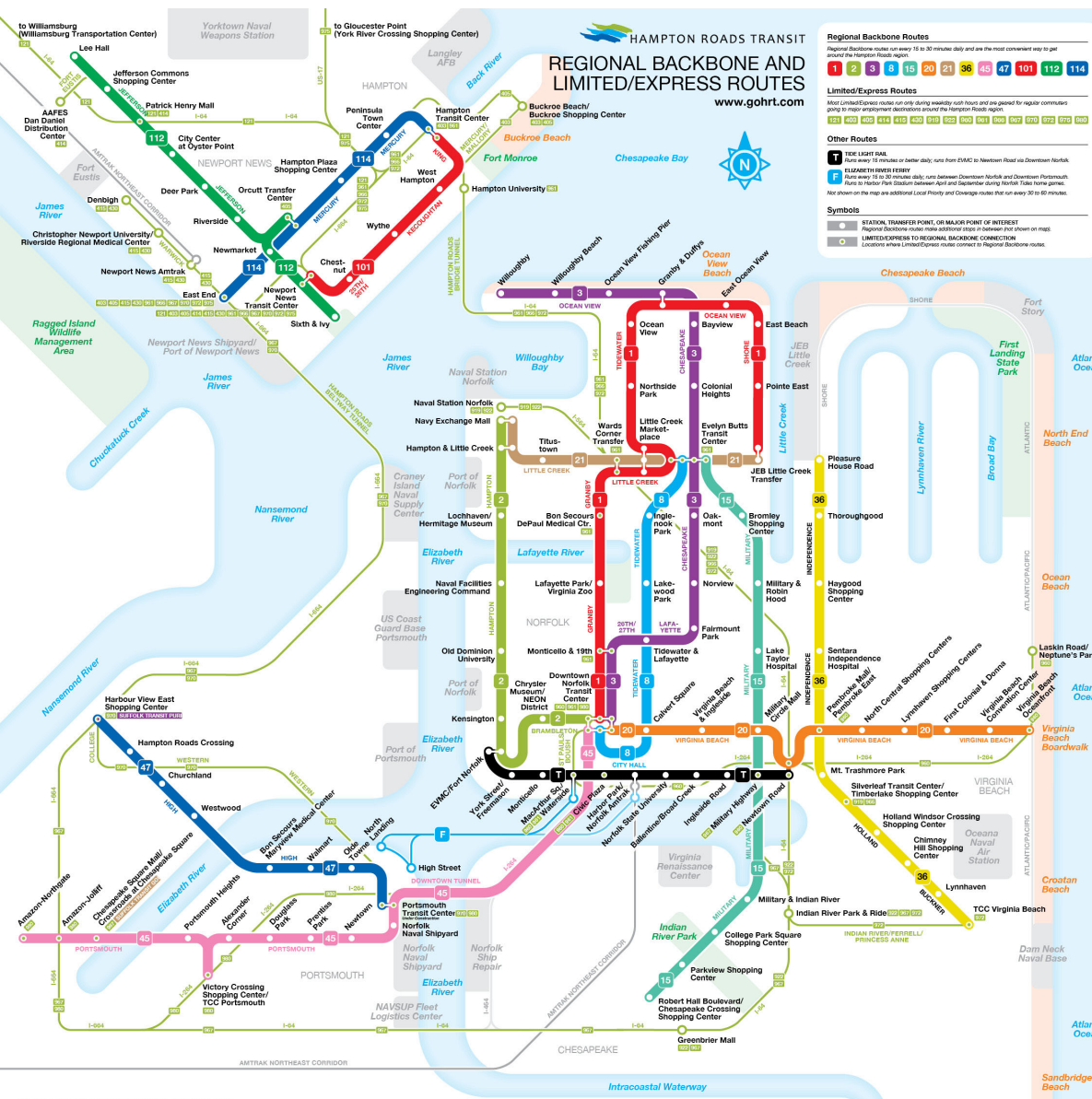
# 757 **Express**

Regional Backbone Service



# RTS Program Elements

- RTS implementation includes both capital projects and operating and maintenance
- The components necessary for successful RTS start-up and ongoing operations generally fall into one of five main categories:
  - Rolling Stock
  - Facilities
  - Human Resources
  - Technology
  - Communications and Marketing



## Regional Backbone Impacts

	Current HRT System	13-route Regional Backbone
No. of Routes with 15-min Weekday Peak Service	6	13
Population Served	181,000	487,000 169% increase
Jobs Served	137,500	312,500 127% increase
Area in Walking Distance	41 sq. miles	115 sq miles 180% increase
Total System Projected Ridership (Avg. Weekday)	36,200	54,500





# New Branding



# RTS Service Implementation

- The first high frequency service was implemented in October 2022 on the Route 112 on Jefferson Avenue.
- In May 2023, HRT will implement high frequency service on the Route 114 along Mercury Blvd in Hampton
- In October 2023, the Route 20 along VB Blvd will also have high frequency service all the way to the VB Oceanfront
- The routes 45 and 47 connecting the cities of Portsmouth and Norfolk will be implemented in May 2024.
- The other 8 routes will follow in quick succession As we continue to hire additional bus operators

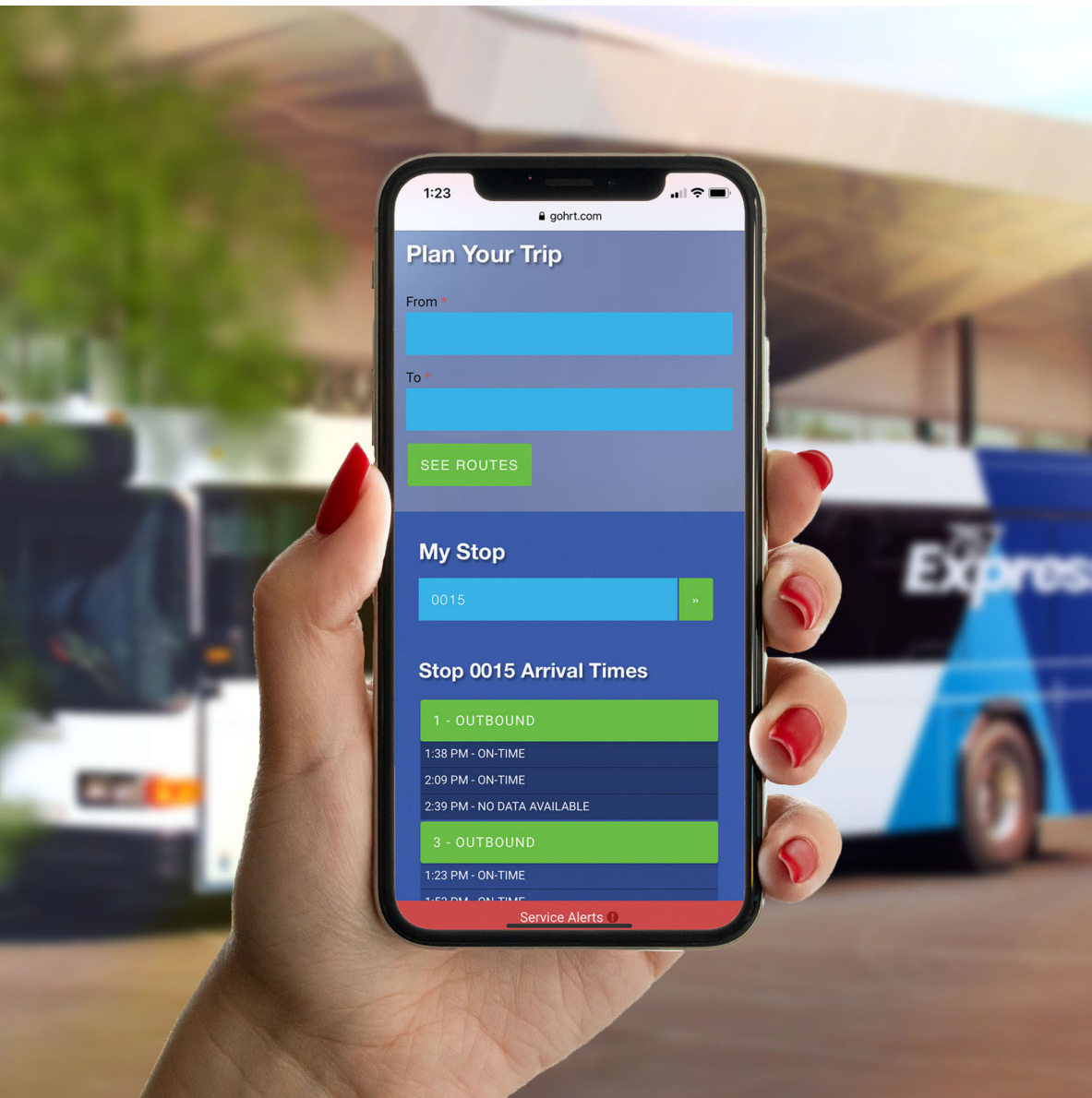




## New Buses

**48 new buses to expand service.**





## Technology

**Modern technology will improve customer experience and make service more convenient.**

- Real Time bus arrival and trip planning
- Mobile Ticketing

# RTS Passenger Amenity Improvements

Sum of Shelter Count	Column Labels		
Row Labels	PRE-RTS	RTS	Grand Total
CHESAPEAKE	22	15	37
HAMPTON	29	34	63
NEWPORT NEWS	63	33	96
NORFOLK	84	28	112
PORTSMOUTH	20	23	43
VIRGINIA BEACH	43	9	52
Grand Total	261	142	403



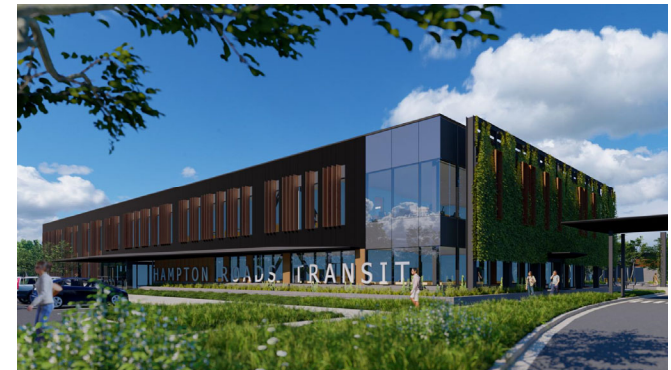


# New Southside Bus Operating Division

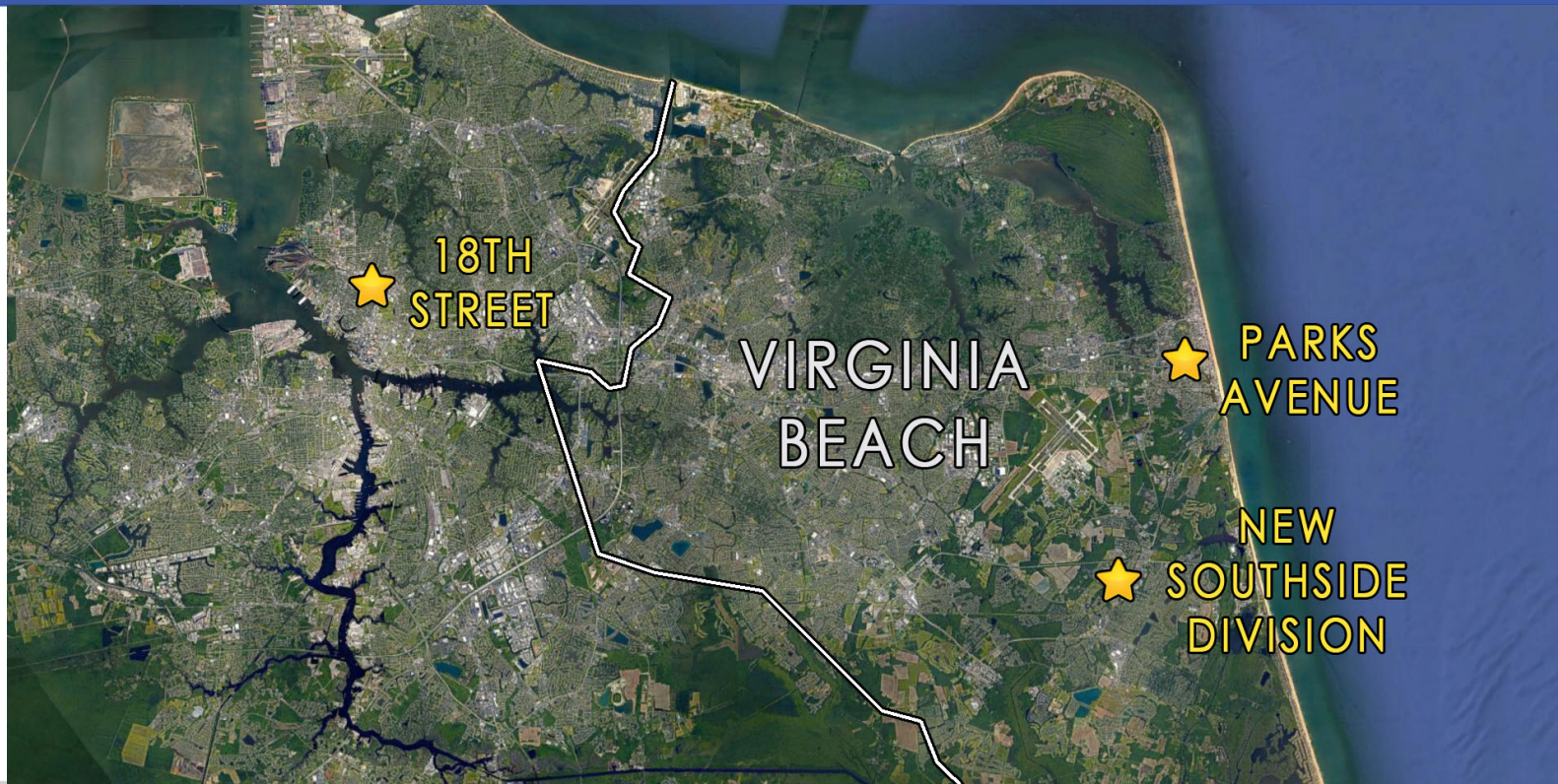


Facilities

- The New Southside Bus Operating Division will relocate maintenance activities currently housed at the Parks Avenue facility in Virginia Beach. The new facility will accommodate year-round operations and be large enough to support the storage, maintenance, and operation of routes that serve the eastern/southern part of HRT's service district in addition to VB Wave operations.
- The New Southside Operating Division will incorporate electric bus charging and maintenance in support of a fleet of over 100 electric buses and 16 trolleys.



# New Southside Operating Division Project Location - City Map



HAMPTON ROADS TRANSIT



# First Zero Emissions Transit Facility in the US



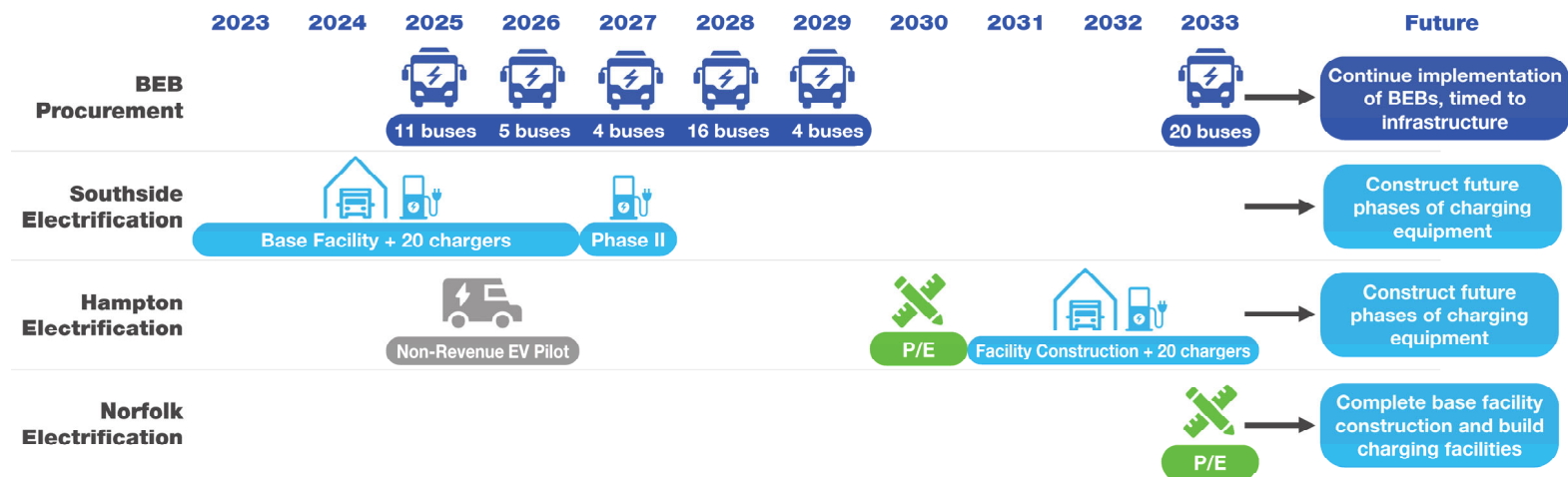
HAMPTON ROADS TRANSIT

# HRT - Ahead of the Curve





# Fleet Plan Update - Electrification



# Project Benefits

## PROJECT BENEFITS

- Operating cost savings (~\$440,000/yr) from reduction in deadhead miles (~62,000/yr)
- Reduced fossil fuel use
- 300,000 pounds of greenhouse gases per year removed for each diesel bus replaced by an electric bus
- Efficient building design
- 125 new jobs created and 300,000+ jobs reached by bus





# Thank You