



SunRunner Bus Rapid Transit Project Updates

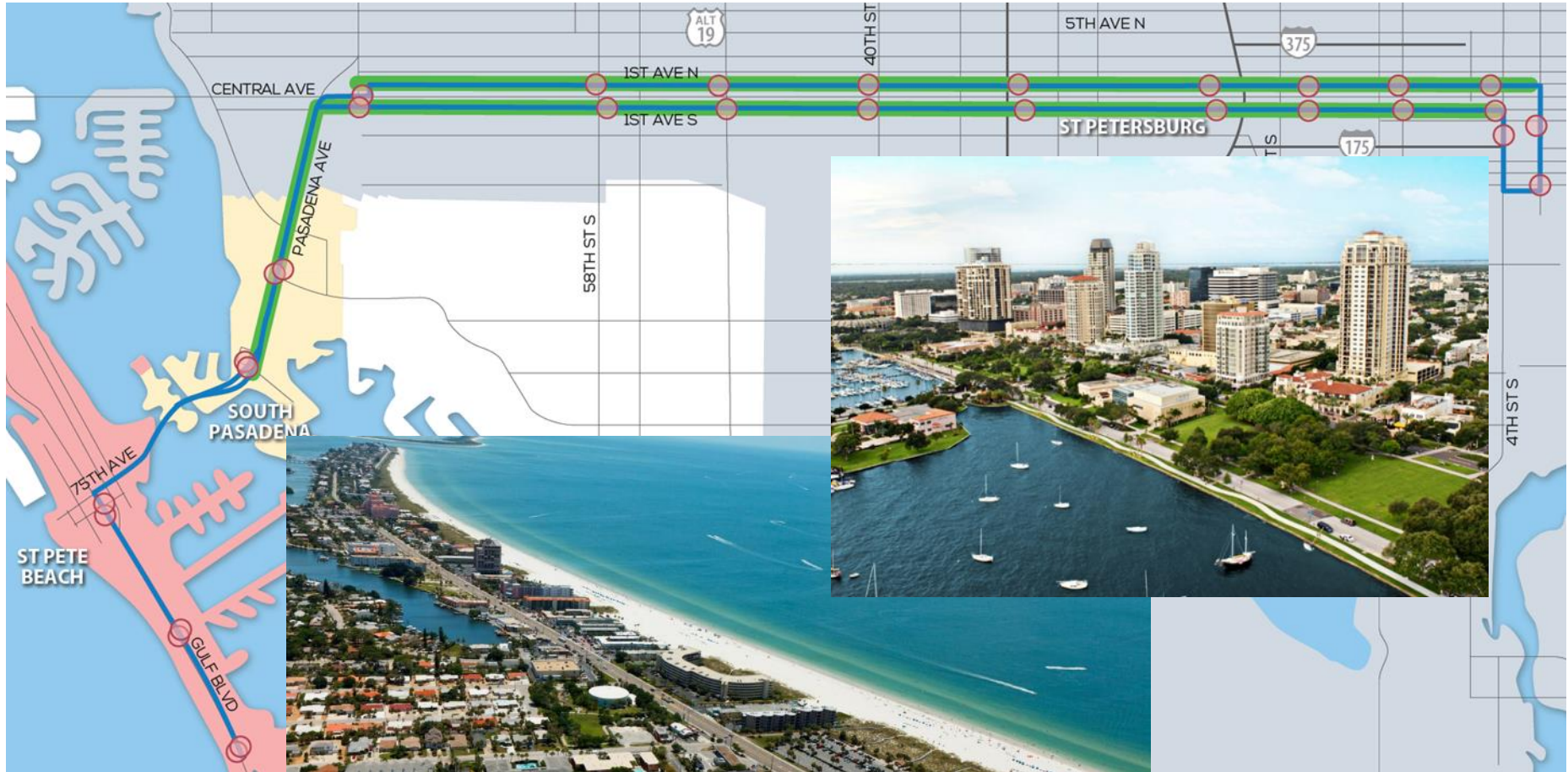
Citizens Advisory Committee

September 24, 2020

Pinellas Suncoast Transit Authority (PSTA)

St. Petersburg, Florida

SunRunner BRT Project



Project Characteristics

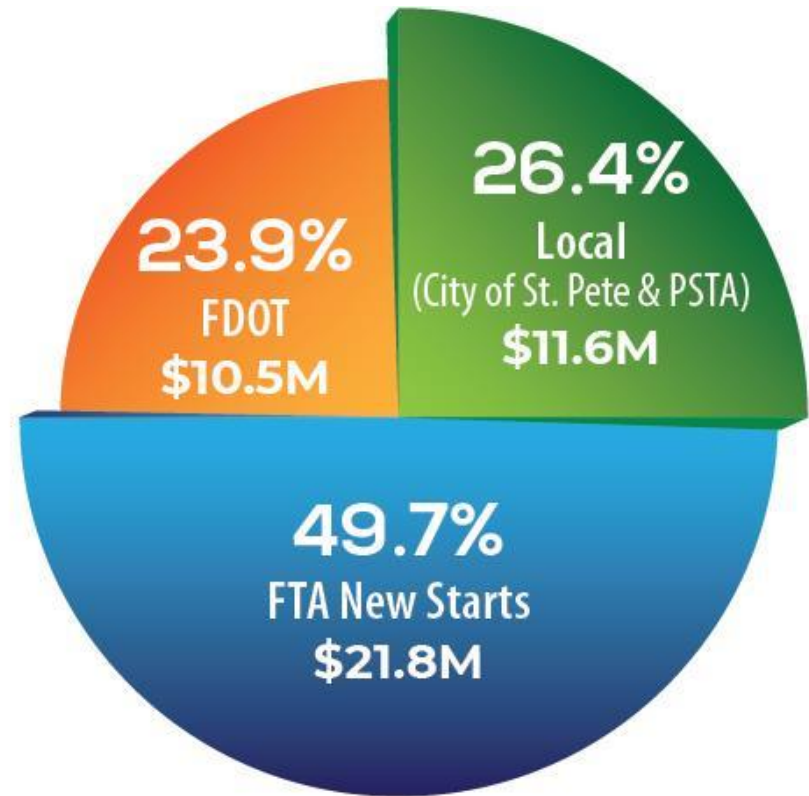


- 10-mile Bus Rapid Transit corridor
- 16 stations/station pairs
- Serves cities of St. Petersburg, South Pasadena and St. Pete Beach
- Projected ridership of 4,000/day
- End-to-end travel time to be reduced by 30%

1st Project in FTA New Starts Process



- Total project cost (YOE) - \$43.93 Million
- Funding Sources:
 - FTA
 - FDOT
 - City of St. Petersburg
 - PSTA



FTA Project Funding



- Announced through a Presidential Tweet on May 28, 2020
- Last piece of funding needed to start construction



Donald J. Trump @rea... · 22m
@USDOT is committing \$21.8M for the FIRST transit project of this kind in the Tampa Bay region. It will connect St. Petersburg to popular beaches through state-of-the-art transit buses with FREE WiFi. Will be a major help to heavily populated parts of the Great State of Florida!

1,866 3,186 12.3K



Donald J. Trump @rea... · 22m
Very exciting news for the Phoenix area—@USDOT is committing \$100M to @valleymetro for a 5.5-mile light rail system with 9 new stations connecting underserved areas to churches, emergency services, and more!

1,176 2,675 10.1K



SunRunner Brand Unveiling



- Create a unique, locally recognized and understood brand
- Held a brand unveiling event on July 8, 2020



Project Status and Schedule



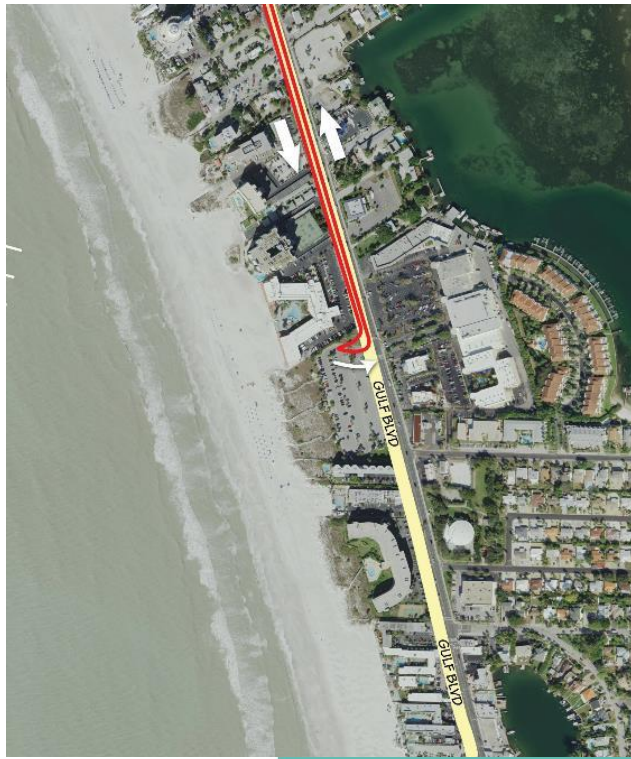
- Design 100% completed in Spring 2020
- Nine BRT buses ordered
- County Beach Access Park Construction completed ahead of schedule



County Beach Park Turnaround



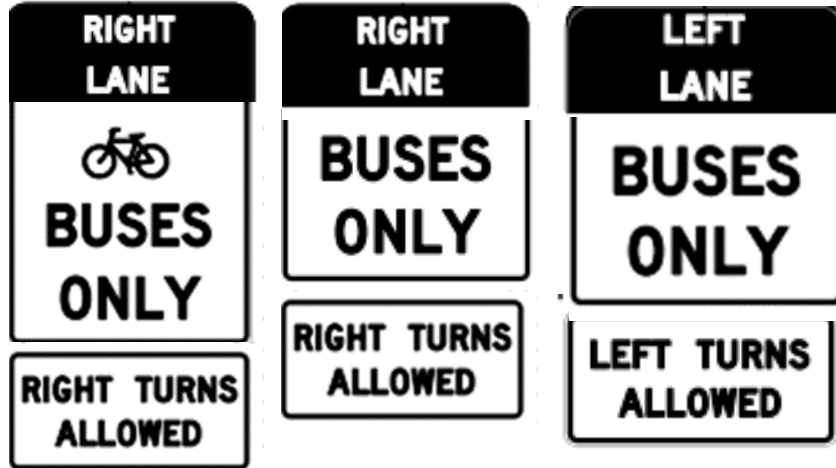
- Construction completed in early June 2020
- Currently used by Central Avenue Trolley



SunRunner Project Features



- Semi-dedicated bus lanes for approx. 65% of the route
 - Allows for business access as well as emergency vehicles (called BAT lanes)
 - Bus lanes paved with red-pigmented asphalt
 - Way-side signage along the route



SunRunner Project Features - TSP



- Transit signal priority at several traffic intersections
 - Only used when buses running behind schedule
 - Buses will communicate with PSTA operations on schedule adherence
 - During delays, PSTA operations will send a request for priority to Pinellas County Traffic Management Center and City of St Petersburg Traffic Control Center
 - If priority request granted, traffic signal cycle will be adjusted temporarily to allow SunRunner to “catch up”
- Corey Causeway Bridget Opening Coordination
 - Coordinate with U.S. Coast guard to reduce bridge openings
 - Contact closure mechanism to warn BRT drivers

SunRunner Bus Design

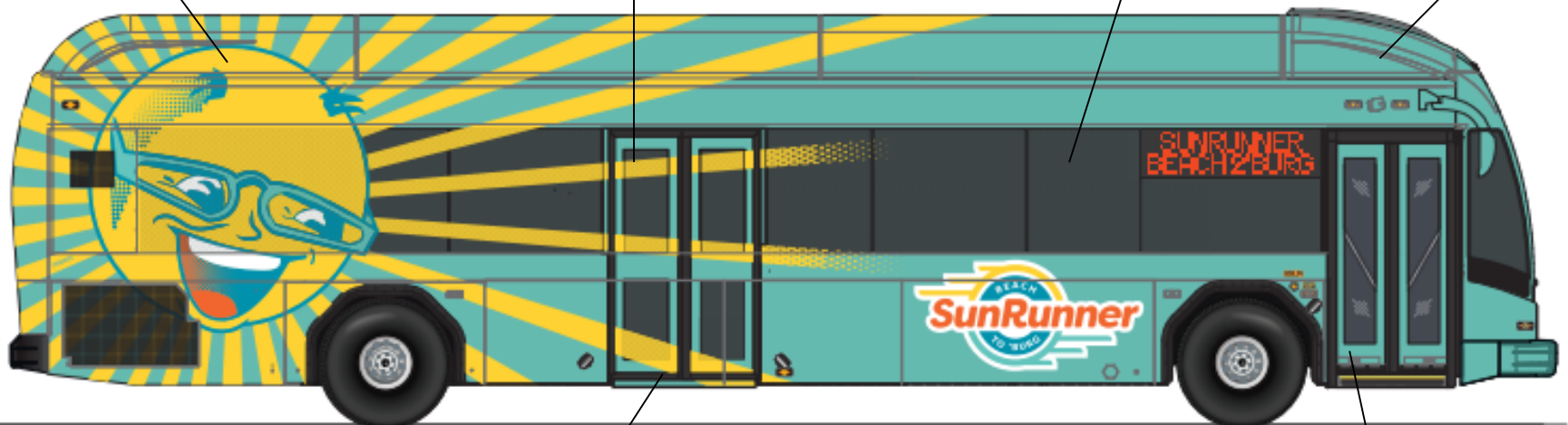


Bus wrap designed by local artist Chad Mize

Bike racks onboard

USB charging ports at each seat

Free Wi-Fi on all buses

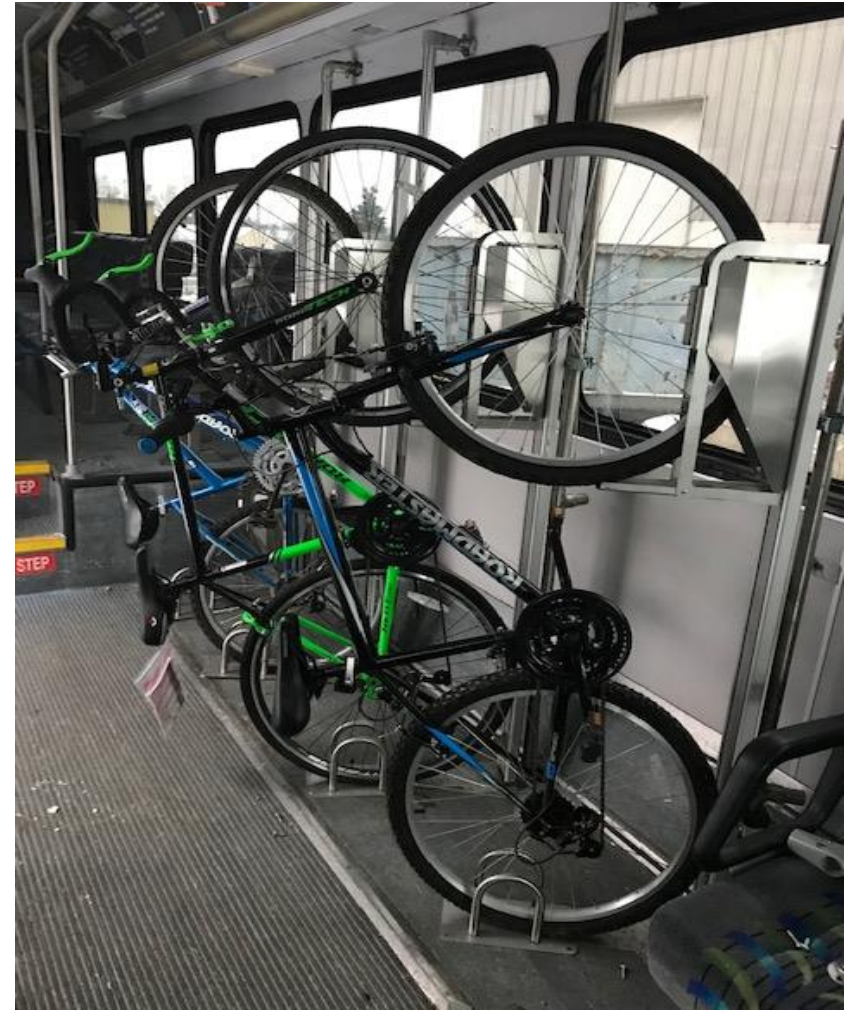


Extra wide rear doors for bike access

Fare validators located at front and rear doors

- Hybrid-electric buses
- Two extra-large passenger information screens

SunRunner Interior Bike Racks



SunRunner Stations



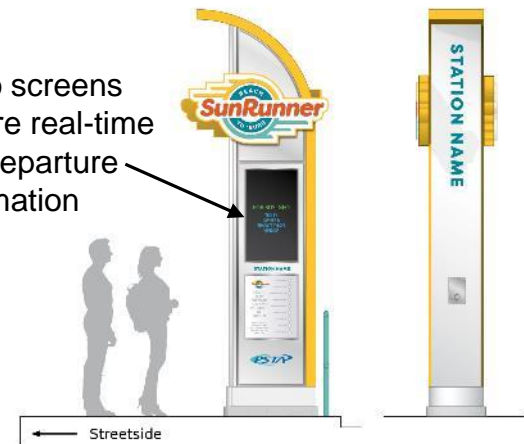
Most stations will feature security cameras

Front
(To street)



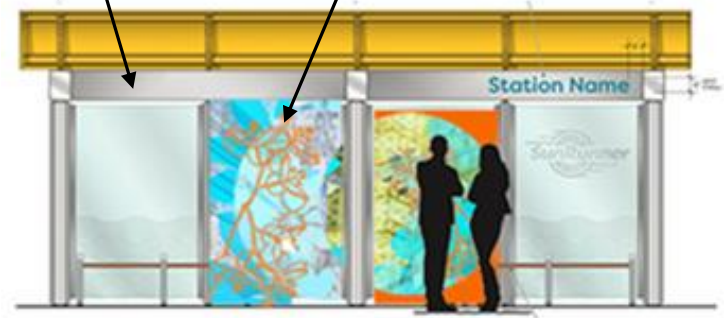
Elevated platforms allow easier, level boarding for seniors and customers with wheelchairs

Video screens feature real-time bus departure information

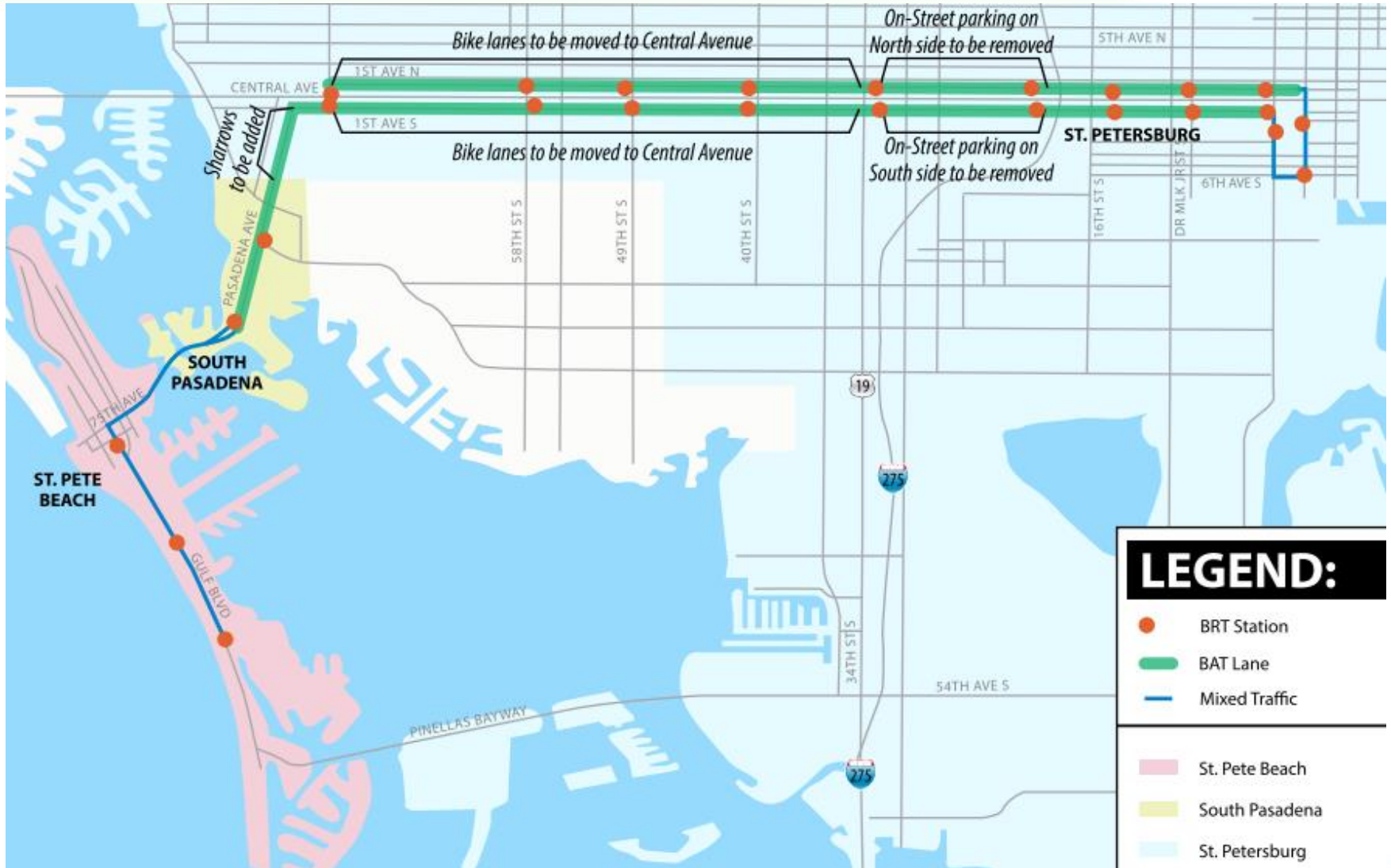


Energy-efficient LED lighting

Select St. Pete stops will feature designs by local artists



Corridor Changes



SunRunner Station Art



- Funded by City of St Petersburg
- PSTA and City of St Petersburg selected C Glass Studio LLC to commission station art
- Art to be developed on all station shelters within St Pete using laminated glass
- Compliment/augment SunRunner brand
- Incorporate unique characteristics of adjacent neighborhoods, landmarks and destinations near each station

SunRunner Station Art



- Two glass panels at each shelter location – 16 total locations
- Stations along 1st Ave N and 1st Ave S conceived as a single mural

MURAL VIEW



INDIVIDUAL SHELTER VIEW

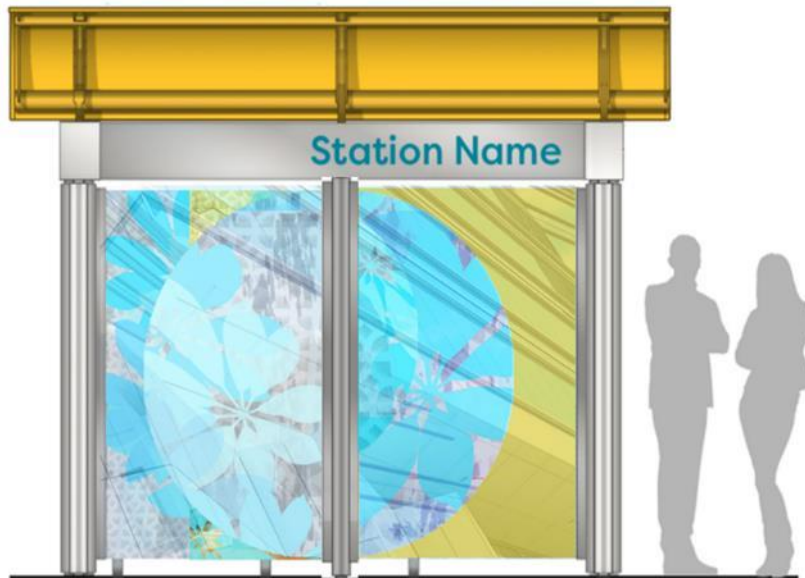


SunRunner Station Art

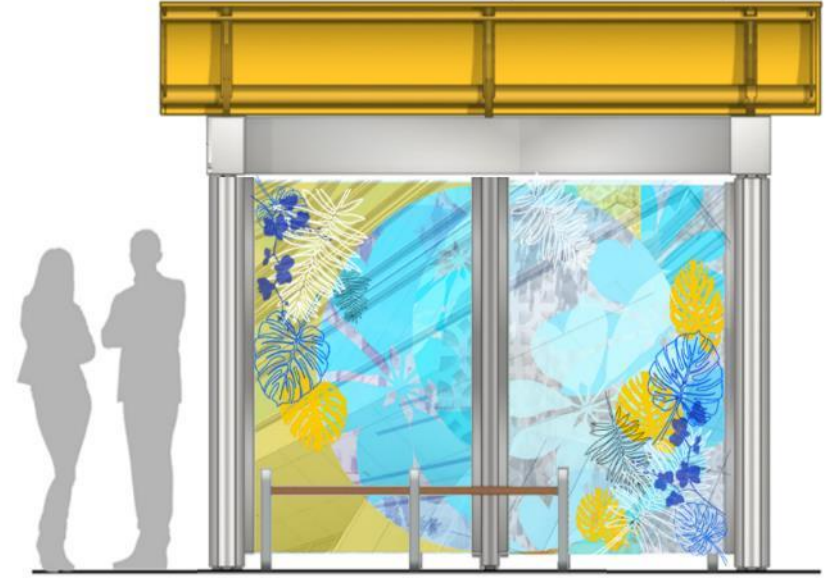


- Two-sided views for each shelter with art

STREET SIDE



PATRON SIDE



Next Steps



- BRT Construction starting near the Beach
- Anticipated construction duration: approx. 18 months
 - Milling/resurfacing along 1st Ave N and S
 - Station construction
 - Traffic signal improvements
- Coordinate with City of St Pete's corridor enhancements project construction
- Anticipate project opening in early 2022

Questions?



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