



# Project Connect Rolling Stock

## CapMetro Access & Customer Service Advisory Committees

March 9, 2022





# project Rolling Stock Design connect

- 100% Low-Floor Design
- Catenary Free Capabilities
- Battery & On-Board Energy Management
- Communications Based Train Control (CBTC)
- Customer Information Systems & Technology
- Platform Screen Doors & Precision Stopping
- Application of European and Asian Equipment Technology
- Operating speed range up to 55 mph +/-



*For illustrative purposes, not final design.*





# project Accessibility Elements

- Passenger Doors
  - Five Passenger Doorways per side
  - Illuminated Push Buttons/Status Indicators
  - Door Annunciations
- Elderly and Disabled Accessibility
  - Height Control/Level Boarding
  - ADA Compliance
  - Wheelchair accommodations
  - Seating & Grab Handle Arrangement Options.
- Designed for Space
  - Transverse Seating
  - Open gangway
  - Bike Storage
- Safety Elements
  - Emergency Intercoms
  - Public Address & Passenger Information Systems
  - Automatic Station Identification System
  - Emergency Release - Interior & Exterior



*For illustrative purposes, not final design.*





# Rolling Stock Regulations & Standards Examples

- Federal Transit Administration
  - Regulations and Guidance
  - Americans with Disability Act (ADA)
  - Safety and Oversight
  - Buy America
- Industry Guidelines & Standards
  - American Public Transportation Association (APTA)
  - American Society for Testing and Materials (ASTM)
  - American Welding Society (AWS)
  - European Standards (EN Standards)
  - Institute of Electrical and Electronics Engineers (IEEE)
  - International Electrotechnical Commission (IEC)







**Thanks for joining us.  
Visit [ProjectConnect.com](https://ProjectConnect.com) for more information.**





# Orange and Blue Line Design Themes Overview

March 2022

## Goals

- Show the public they are being heard
- Answer frequently asked questions, share information and speak to how the team has and will continue to address community feedback
- Provide the opportunity to ask the project team questions face to face
- Keep conversation going with the public to encourage community involvement

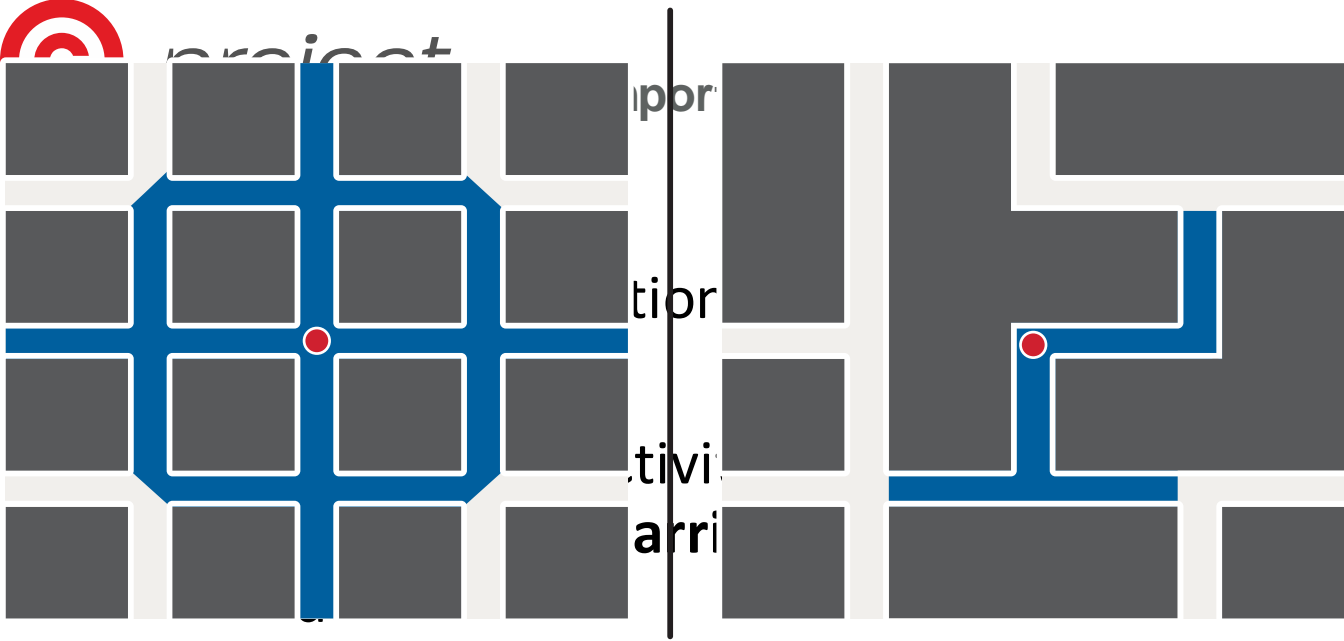
## Content

- Program and project updates
- Breakout Discussion Topics:
  - Traffic and transportation
  - System-wide connectivity
  - Environmental studies
  - Anti-displacement

## Format

- Live Virtual Meetings with breakout groups
  - Tuesday, March 29, 5:30 – 7 p.m.
  - Thursday, March 31, 12 – 1:30 p.m.
- On-Demand Virtual Open House
  - Tuesday, March 29 – Friday, April 29





connected street network

Poorly connected street network

- Connectivity enhancements:
  - Local Bus and Connective Services
  - Bike
  - Walk and Roll
  - Driving

Interior color is area accessible in 5 min walk







### Physical and Natural Environment

- Air Quality
- Soils and Geology
- Water Quality
- Threatened and Endangered Species
- Energy
- Hazardous Materials
- Noise and Vibration
- Temporary Construction Impacts



### Human Environment

- Environmental Justice (EJ)
- Safety and Security
- Land Use and Zoning
- Socioeconomics and Economic Development
- Transportation
- Utilities
- Land Acquisitions and Displacements



### Cultural Environment

- Cultural, Historic, and Archeological
- Parks and Recreational
- Section 4(f) Evaluation
- Visual and Aesthetic
- Neighborhood and Community Resources





# project **connect**

## What is Transportation Analysis?

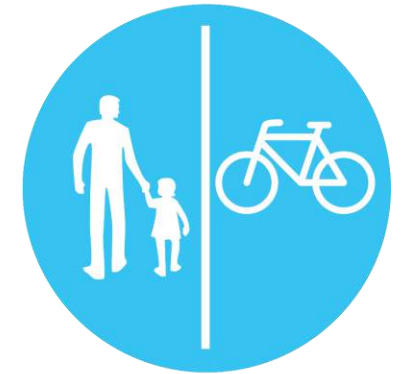
We evaluate the network as four interconnected components:

- Traffic – vehicular travel
- Parking – how many spaces there are and how many are used
- Transit – all forms of public transportation
- Active Transportation – evaluating sidewalks, shared-use paths, and bike lanes



**Traffic**

**Active**



**Parking**

**Transit**



**DELIBERATIVE DRAFT**



# project connect

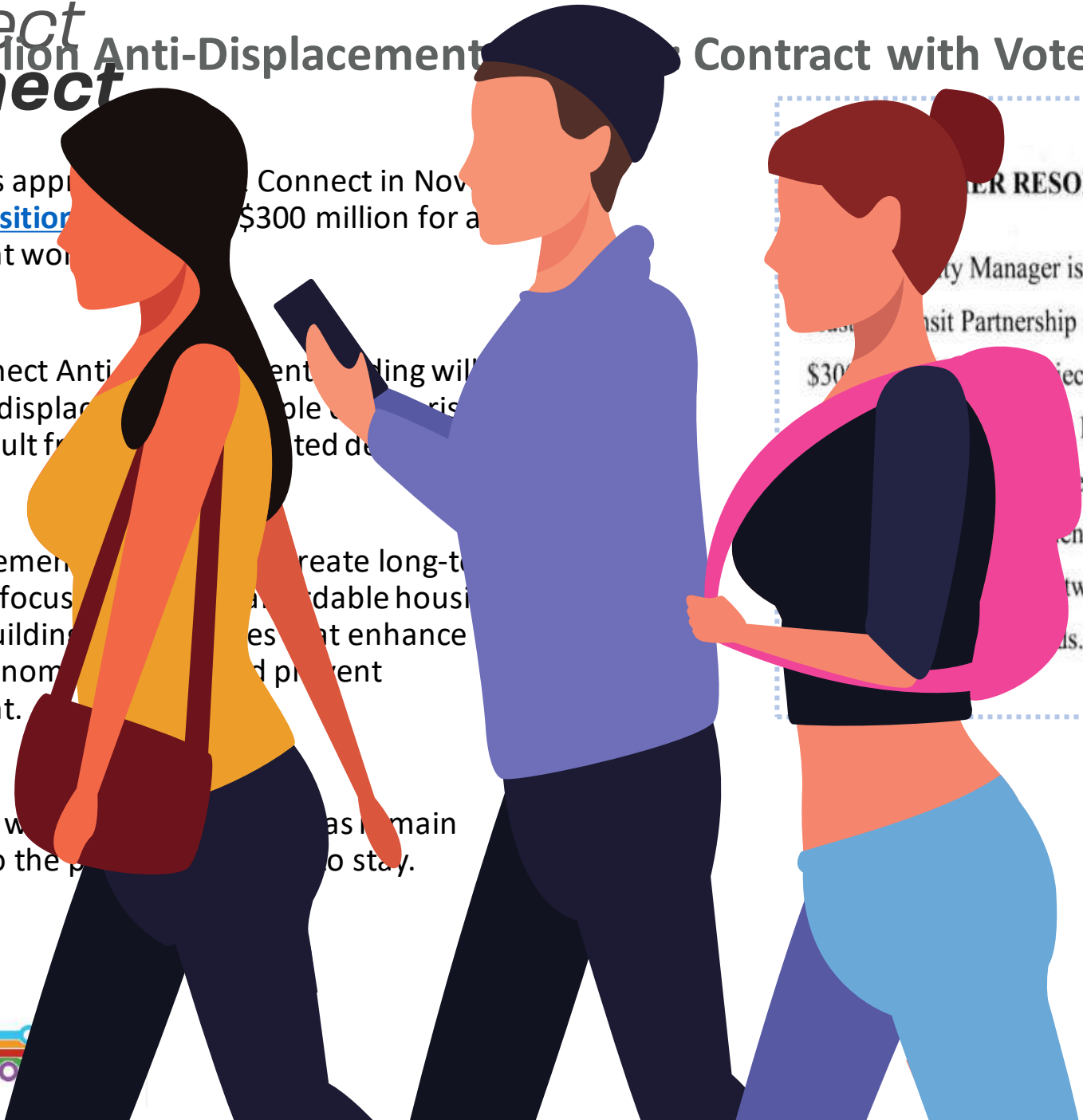
## \$300 Million Anti-Displacement Contract with Voters

When voters approved Project Connect in November 2020, **Proposition 1** provided \$300 million for an anti-displacement work program.

Project Connect Anti-Displacement Work Program will prevent the displacement of people and families that may result from the development of new housing.

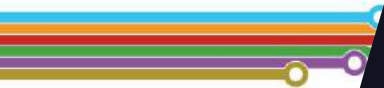
Anti-displacement strategies will create long-term impact with focus on affordable housing and asset-building strategies that enhance people's economic stability and prevent displacement.

This funding will ensure that housing remains affordable to the people who want to stay.



### BE IT RESOLVED:

The City Manager is directed to include in the Joint Powers Agreement with the Austin Transit Partnership and Capital Metro, a provision to provide a total of \$300 million of Project Connect Tax Revenue, in accordance with the Plan as shown in Exhibit A, to Austin Transit for the purpose of (1) acquiring real property, and (2) financing tools and strategies related to the implementation of Project Connect. The two Be It Resolved clauses provide direction for the following:





# Discussion





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# Proposed June 2022 Service Change

*March 2, 2022*

*Access Committee Meeting*

# Reminder of Spring 2022 Service Changes

- Minor Adjustments of Service
  - **Adjust Running Times** – Minor adjustments to schedules due to ridership / travel conditions
- Reduced Service Levels
  - **MetroRail** – Continued reduced service levels
  - **MetroExpress & Flyers** – Continued reduced service levels
  - **E-Bus** – Continued suspension of service

## State of Transit 2020

ON SEPTEMBER 28, 2020 / BY CAPITAL METRO / IN BENEFITS OF TRANSIT

Capital Metro has filled 2020 with a lot of service, a lot of dedication and a lot of preparation for what's to come.

As the agency's Fiscal Year 2020 comes to an end, we want to share all that CapMetro has done and all that we've got planned for next year and beyond.



# Overview of Summer 2022 Service Changes

## Minor Adjustments of Service

- **Adjust Running Times** – Minor adjustments to schedules to improve on-time performance
- **Summer Service Adjustment** – Normal transition on UT routes, and on select route trips to summer service levels
- **Continued Service Suspension** – MetroExpress (routes 981 and 987) and E-bus service remain suspended
- **MetroRail** – Minor schedule adjustments on Weekdays and/or Saturdays to ensure more efficient and reliable service. In addition, planned maintenance work is scheduled between July 2<sup>nd</sup> through 10<sup>th</sup>.



# Suspended Services (Summer 2022)

- Express Routes
  - Routes 981, & 987
- E-Bus
  - Route 410, 411, & 412



**METRO**

**THANK YOU!**