



METRO



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Join Sustainability Committee

Project Connect Overview

JULY 22, 2020

AGENDA

1. PROJECT CONNECT OVERVIEW
2. PROJECT CONNECT TIMELINE
3. RECOMMENDED SYSTEM PLAN
4. SYSTEM PLAN FEATURES
5. OVERVIEW BY MODE
6. SEQUENCING
7. RENDERINGS
8. COMMUNITY BENEFITS
9. FUNDING
10. NEXT STEPS



PROJECT CONNECT OVERVIEW



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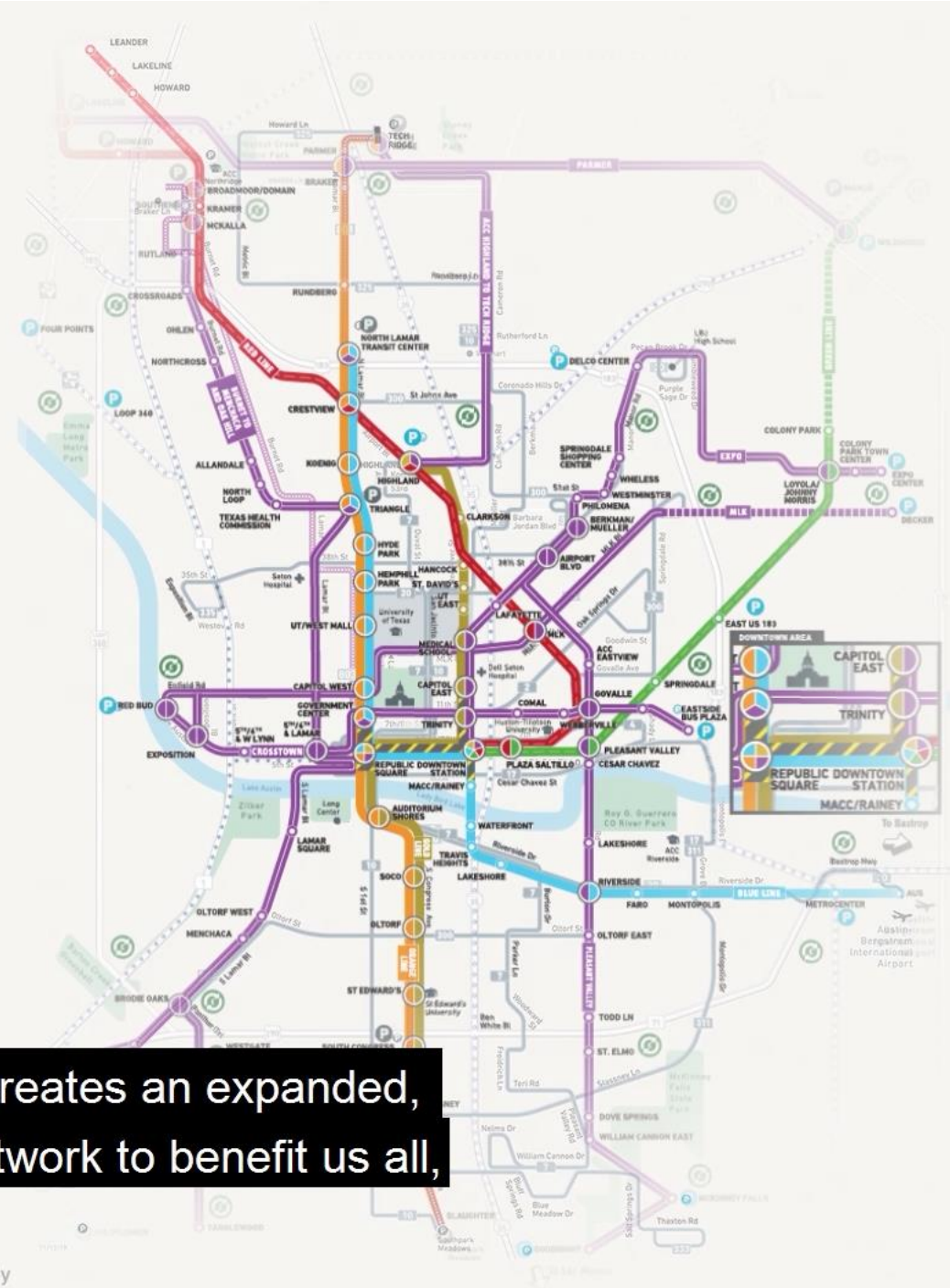
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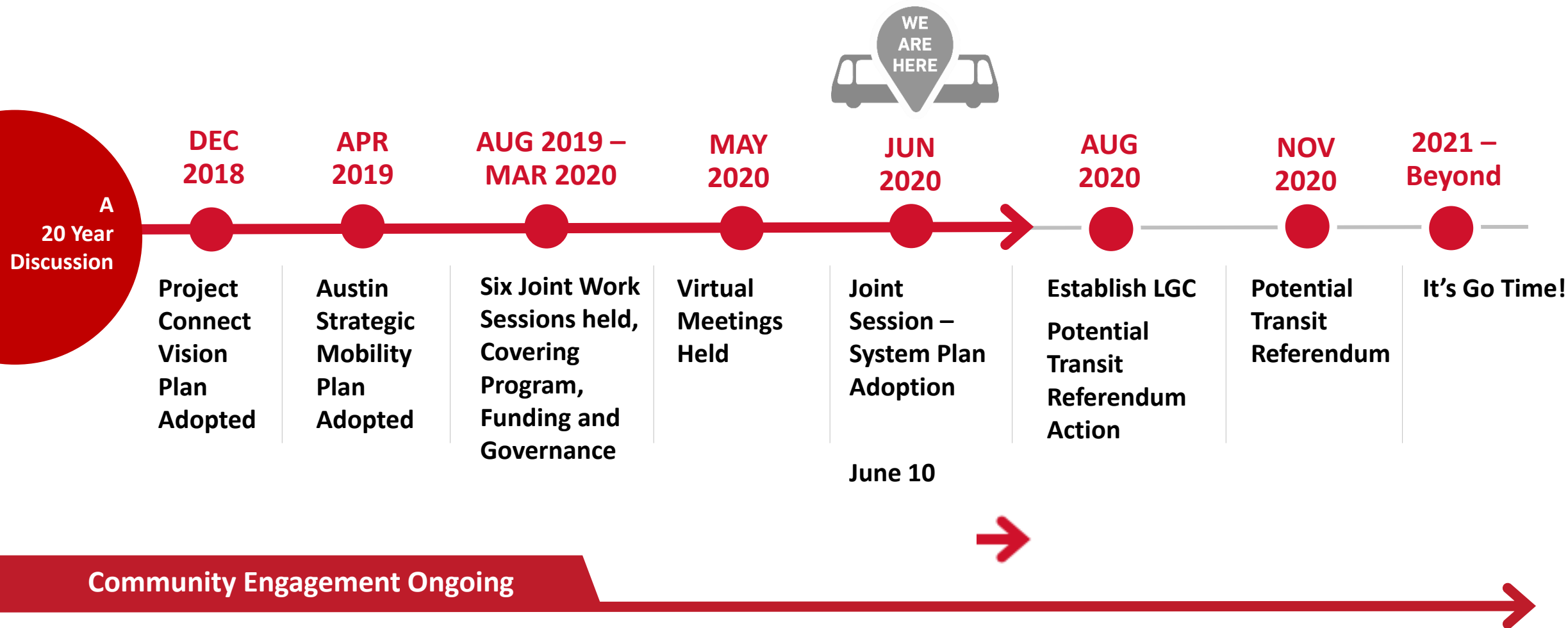
HIGH-FREQUENCY AND HIGH-CAPACITY ROUTES

TODAY VS. FUTURE

Project Connect creates an expanded,
regional transit network to benefit us all,



PROJECT CONNECT TIMELINE



PROJECT CONNECT

RECOMMENDED SYSTEM PLAN



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PROJECT CONNECT SYSTEM PLAN RECOMMENDATION



LIGHT RAIL

ORANGE LINE



BLUE LINE



GOLD LINE



Light Rail Transit in
Dedicated Transitways
for Orange, Blue and
Gold Lines

- 36 Miles, 40 Stations
incl. Downtown Transit
Tunnel



METRORAPID



High Frequency Bus
with Priority
Treatments
7 New Routes
- ~74 Miles, 193
Stations



METRORAIL

RED LINE



GREEN LINE



Station and Operational
Improvements

New Commuter Rail Service
to Connect Downtown to
Colony Park with potential
extension to Manor and Elgin



METROEXPRESS



8 New Routes
- 5 outside service area
24 New Park & Rides
- 10 outside the service area



METROBUS

Better bus service and
stop amenities



METROACCESS

Enhanced demand
response service

PLUS



Zero
Emissions



Improved
Customer Tech



New Circulator
Zones (Pickup)



Maintenance Facility
Improvements



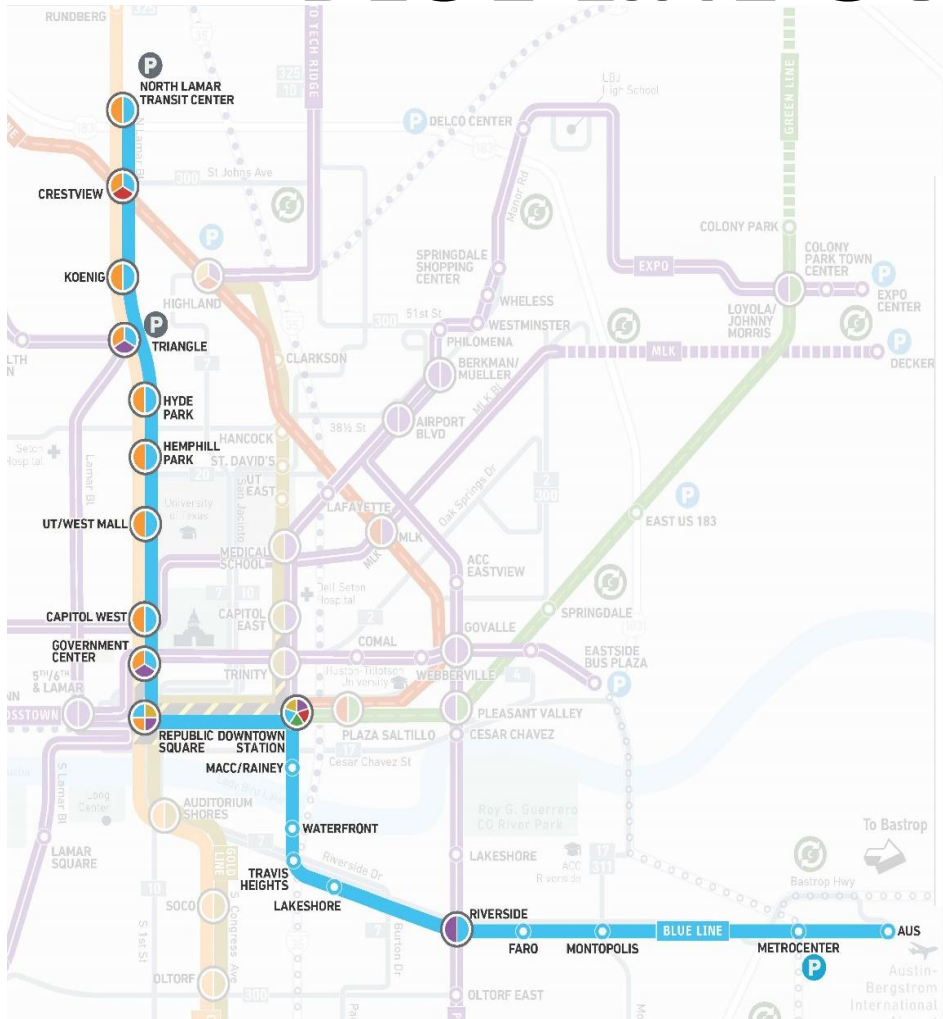


BUS RAPID/LIGHT RAIL EXTERIORS
CONCEPTUAL DRAWING



LIGHT RAIL TRANSIT
CONCEPTUAL DRAWING

BLUE LINE OVERVIEW



Mode Light Rail



BLUE LINE *at a glance*



Travel Time



Cost

Capital Cost
\$1.5 - \$1.8 billion

Operations & Maintenance
\$14.2 - \$17.5 million annually



Ridership

Weekday Ridership (2040)
16,000 - 19,000



Environmental

Vehicle Miles Traveled Reduction
16.7 million fewer miles annually

Greenhouse Gas Reduction
6,600 tons fewer annually



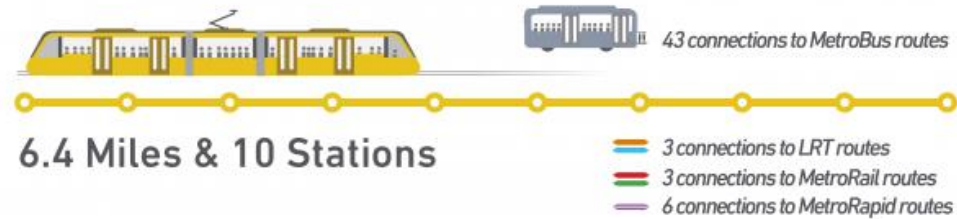
Demographics

Zero Car Households in Station Areas
3,000 | 10%

Individuals in Poverty in Station Areas
17,900 | 26%

Minorities in Station Areas
41,100 | 59%

GOLD LINE OVERVIEW



GOLD LINE *at a glance*



Cost

Capital Cost
\$1.0 - \$1.2 billion
Operations & Maintenance
\$12.3 - \$15.5 million annually



Ridership

Weekday Ridership (2040)
18,000 - 20,000



Environmental

Vehicle Miles Traveled Reduction
17.4 million fewer miles annually
Greenhouse Gas Reduction
7,000 tons fewer annually



Demographics

Zero Car Households in Station Areas
3,000 | 11%
Individuals in Poverty in Station Areas
11,400 | 20%
Minorities in Station Areas
25,200 | 37%

ORANGE LINE OVERVIEW



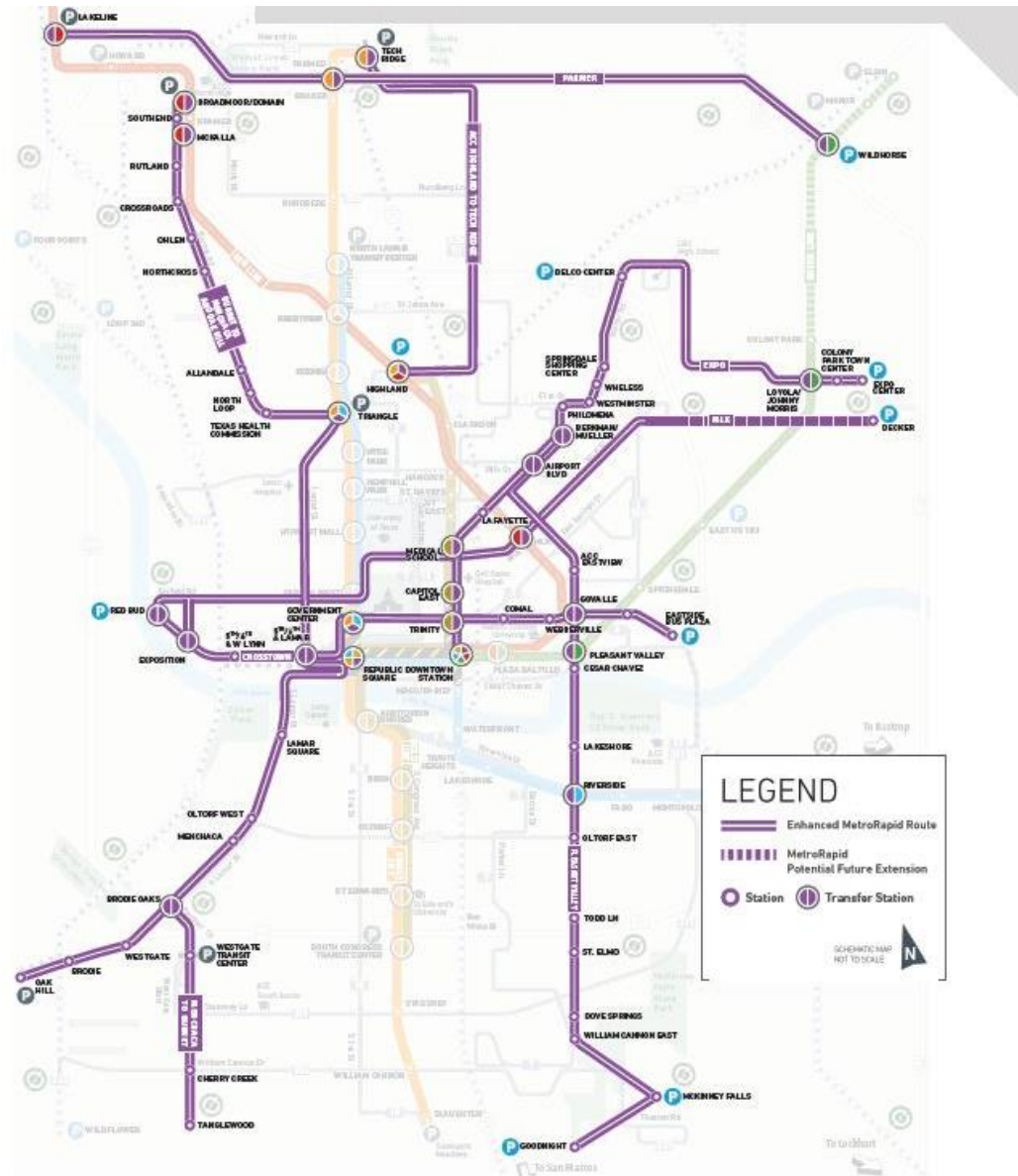
ORANGE LINE *at a glance*



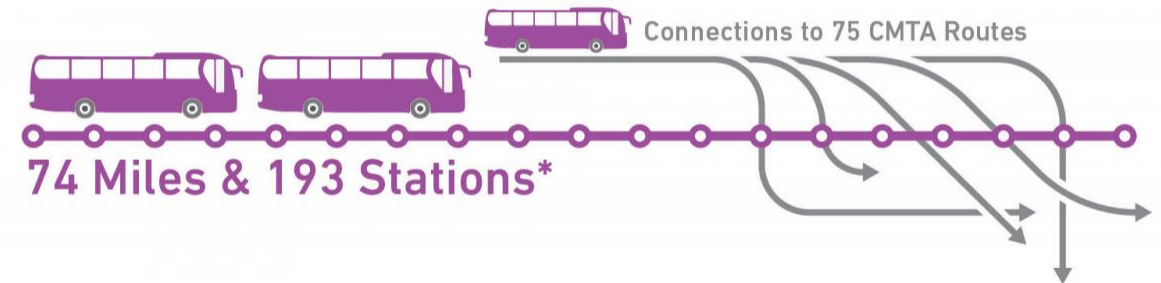
GREEN LINE OVERVIEW



METRORAPID OVERVIEW



MODE BUS RAPID TRANSIT



Transit Time



	ACC Highland to Tech Ridge
MetroRapid	43.3 mins
Existing Transit	48 mins
	Burnet to Menchaca and Oak Hill
MetroRapid	46.2 mins
Existing Transit	50 mins
	Expo
MetroRapid	53 mins
Existing Transit	1 hr 19 mins
	MLK
MetroRapid	44.1 mins
Existing Transit	1 hr 20 mins
	Pleasant Valley
MetroRapid	1 hr 1 min
Existing Transit	1 hr 35 mins



Capital Cost
\$150 - \$170 million

Operations & Maintenance
\$6 - \$9 million per corridor annually



Weekday Ridership (2040)
30,000 (for all lines)



Vehicle-Miles-Traveled
8 million fewer miles annually

Carbon Monoxide Emissions Reduction
40 Tons fewer annually

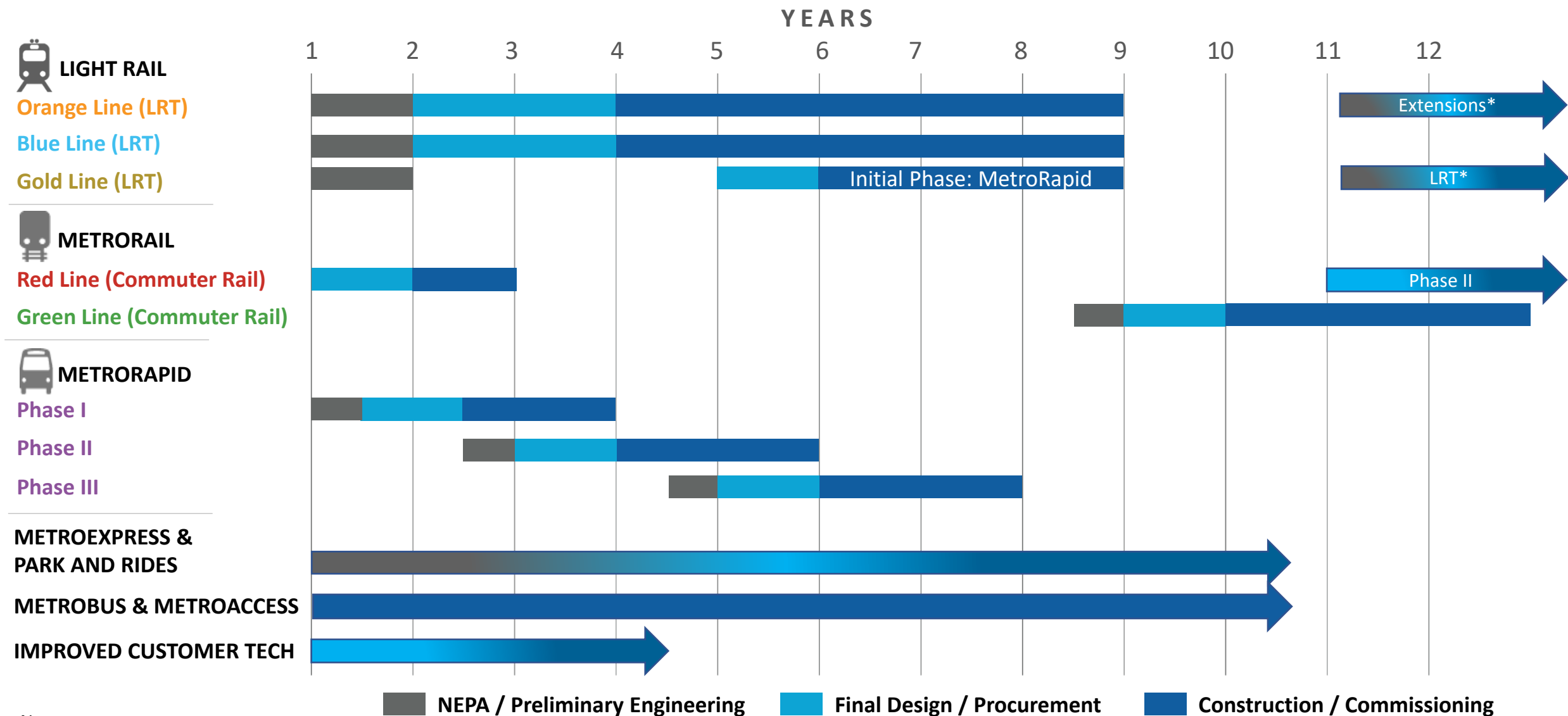


Zero Car Households in Station Areas
14,555 | 8% of households

Individuals in Poverty in Station Areas
91,919 | 20%

People of Color in Station Areas
262,873 | 54%

RECOMMENDED PROGRAM SEQUENCE



Notes:

1. Based on 3/9/2020 funding recommendation
2. Years based on federal NEPA and funding approvals

* When funding is available



WITH PLANNED
DEVELOPMENTS

RENDERING BY HENRY HAN
WWW.HENRYHAN.NET
PHOTOGRAPHY BY G-MAN435

AUSTIN IS GROWING



DOWNTOWN TRANSIT TUNNEL: REPUBLIC SQUARE STATION

CONCEPTUAL DRAWING



DOWNTOWN TRANSIT TUNNEL: REPUBLIC SQUARE STATION

CONCEPTUAL DRAWING



PARK & RIDE STATION

CONCEPTUAL DRAWING



REGIONAL TRANSPORTATION CENTER

CONCEPTUAL DRAWING

PROJECT CONNECT

COMMUNITY BENEFITS



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SYSTEM BENEFITS

- ✓ Easing traffic in our city and region
- ✓ More transit options for all
- ✓ Improved quality of life
- ✓ Cleaner air
- ✓ Increased frequency and reliability
- ✓ Stronger transportation network
- ✓ Create more access to jobs, healthcare and education
- ✓ An investment for today and future generations



INVESTING IN OUR LOCAL ECONOMY



APPROXIMATELY

21,800 JOBS

will be supported **for each billion dollars** spent

Every dollar invested in
public transportation,

\$4



\$1

generates approximately
\$4 in economic returns



Hotels in cities with
direct rail access to
 AIRPORTS raise

11% MORE REVENUE
PER ROOM

- Capital investments create a robust mix of local job opportunities
- Significant program opportunities for Disadvantaged Business Enterprises (DBE)

ACTIVE TRANSPORTATION INVESTMENTS

CITY OF AUSTIN CORRIDOR PROGRAM
IS INVESTING

\$137,000,000

IN SIDEWALKS, SAFE ROUTES TO
SCHOOLS, URBAN TRAILS, BIKEWAYS,
AND VISION ZERO.



Building upon the COA Corridor Program,
Project Connect has the opportunity to build approximately

90 MILES 

OF SIDEWALK **CONNECTIVITY**

= **\$11,700,000**

 WORTH OF INVESTMENT



In addition, **Project Connect** has the
opportunity to add approximately

72 MILES 

OF **BIKE LANES** =

\$46,000,000

WORTH OF
INVESTMENT



APPROXIMATELY

\$195,000,000

IN ACTIVE TRANSPORTATION
MOBILITY INVESTMENTS



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PROJECT CONNECT

THE PATH FORWARD



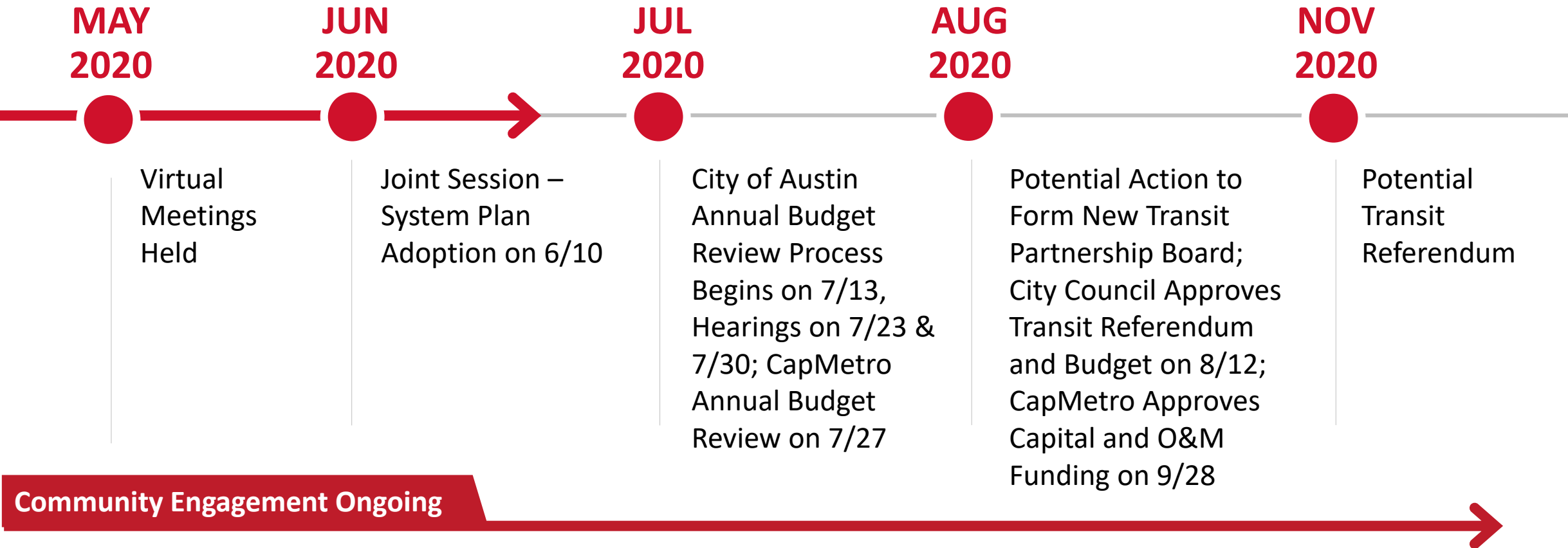
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UPCOMING DECISION POINTS



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It's go time.



Visit projectconnect.com for more details

Thanks for joining us!



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RECOMMENDED SYSTEM PLAN

LEGEND

LIGHT RAIL

- Orange Line
- Blue Line
- Gold Line

METRORAIL

- Red Line
- Green Line
- Potential Future Extension

METRORAPID

- Enhanced MetroRapid Route
- Potential Future Extension

METROBUS

- Current Frequent Local Routes

METROEXPRESS

- Current MetroExpress
- Future MetroExpress



METROACCESS

Available within CapMetro service area



Current Park & Ride



Proposed Park & Ride

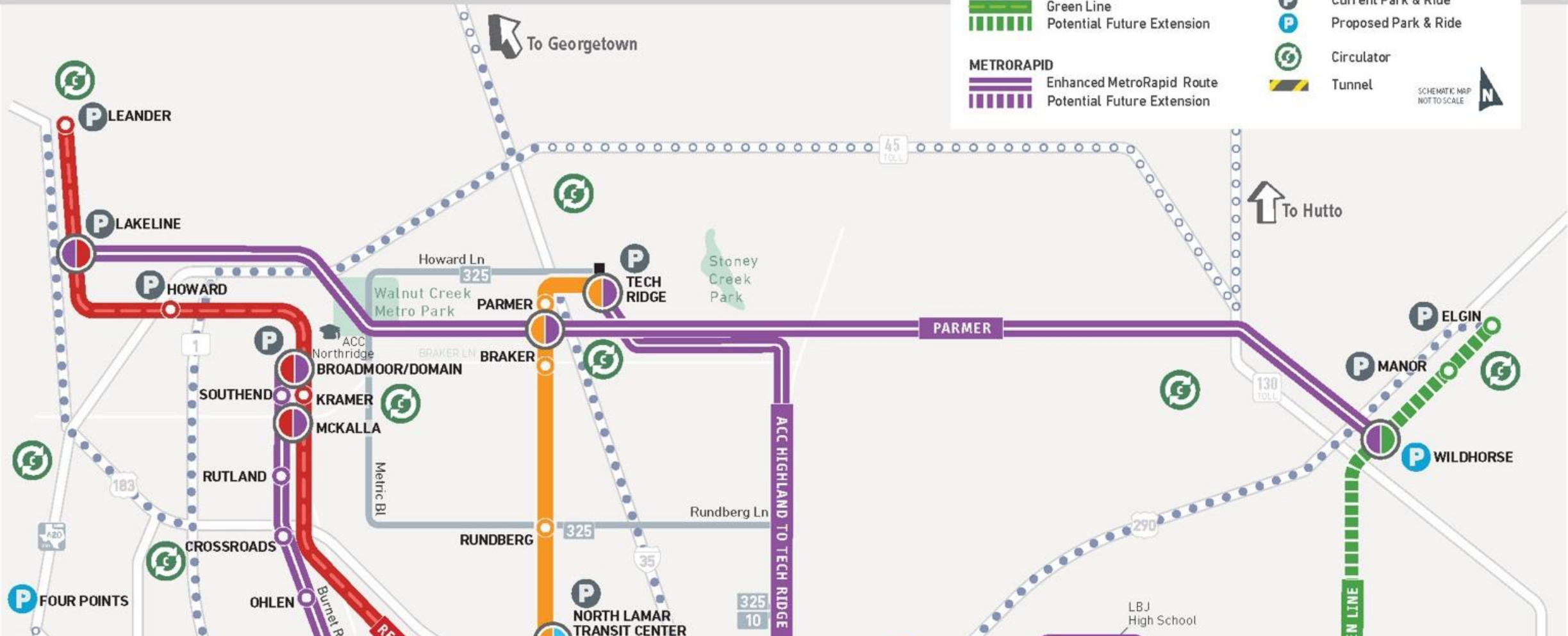


Circulator

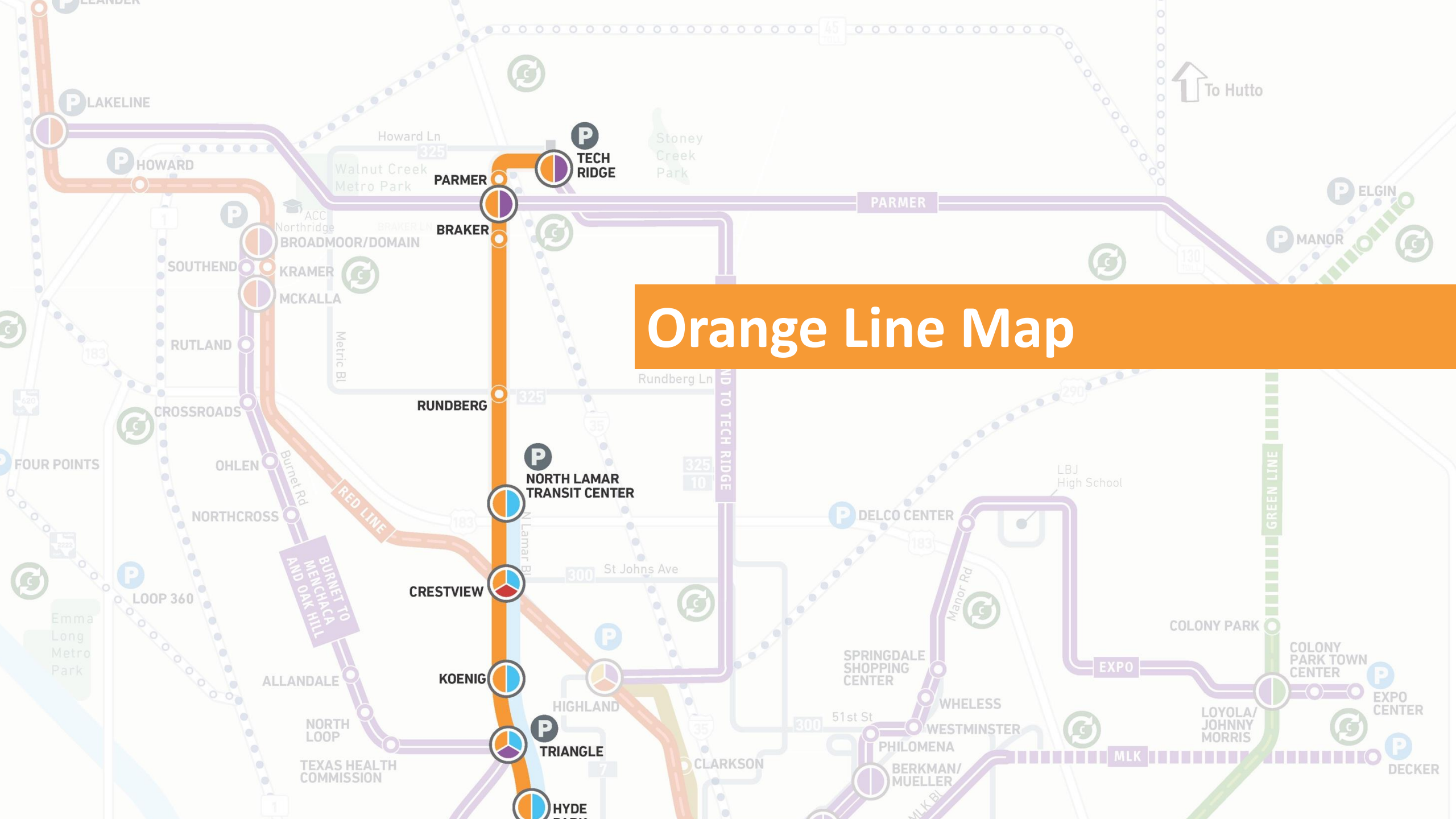


Tunnel

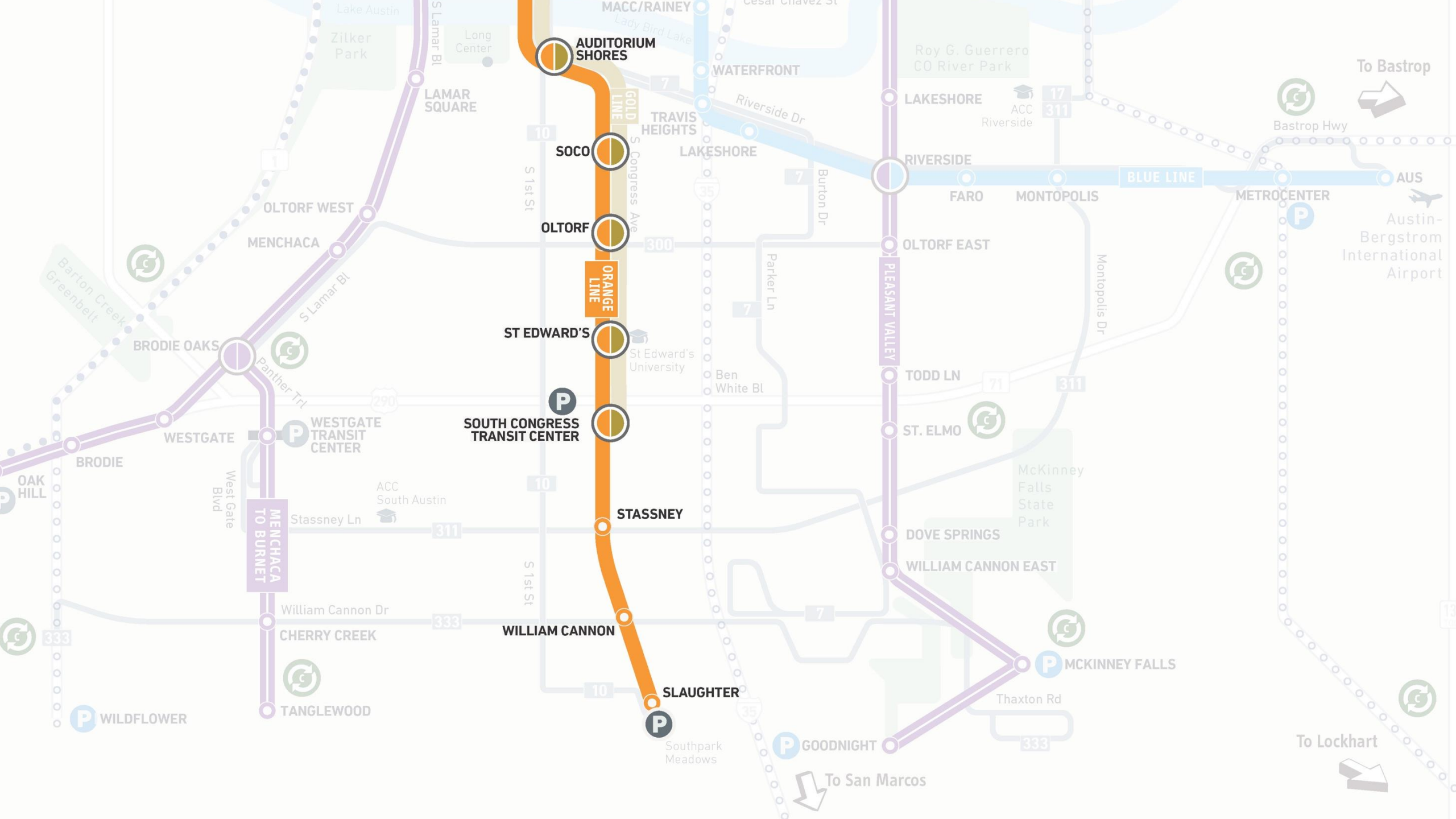
SCHEMATIC MAP
NOT TO SCALE

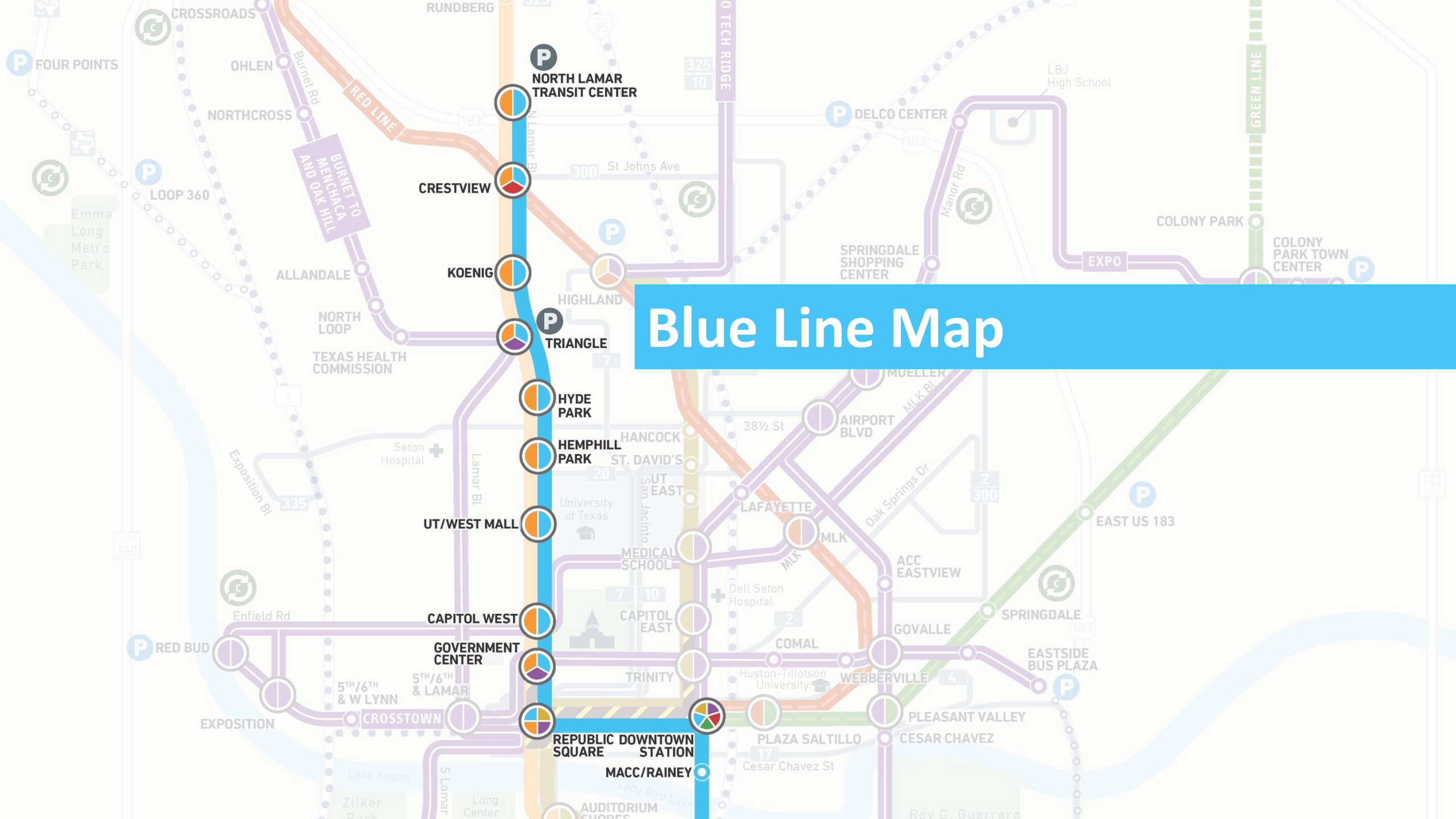




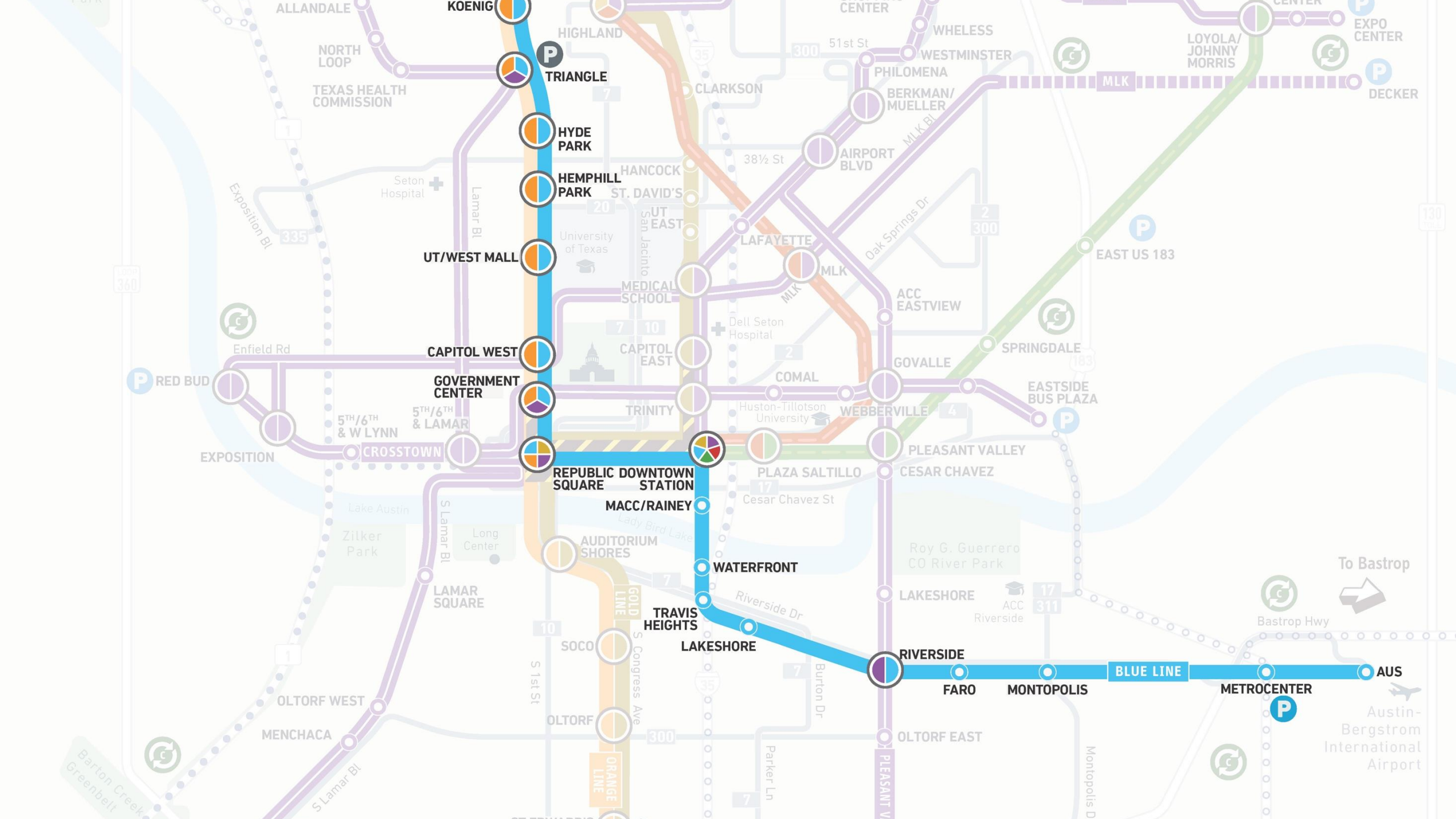


Orange Line Map

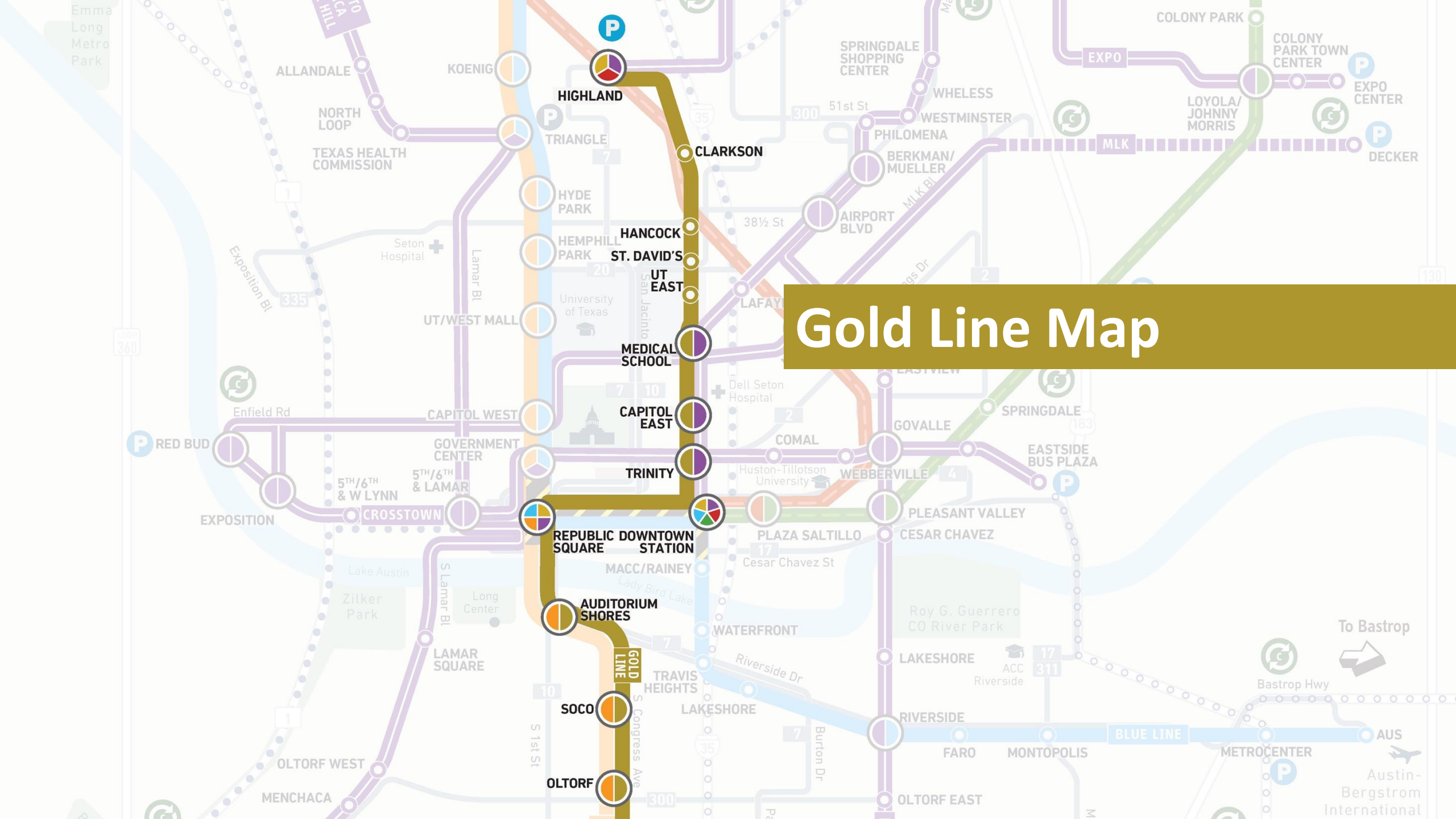


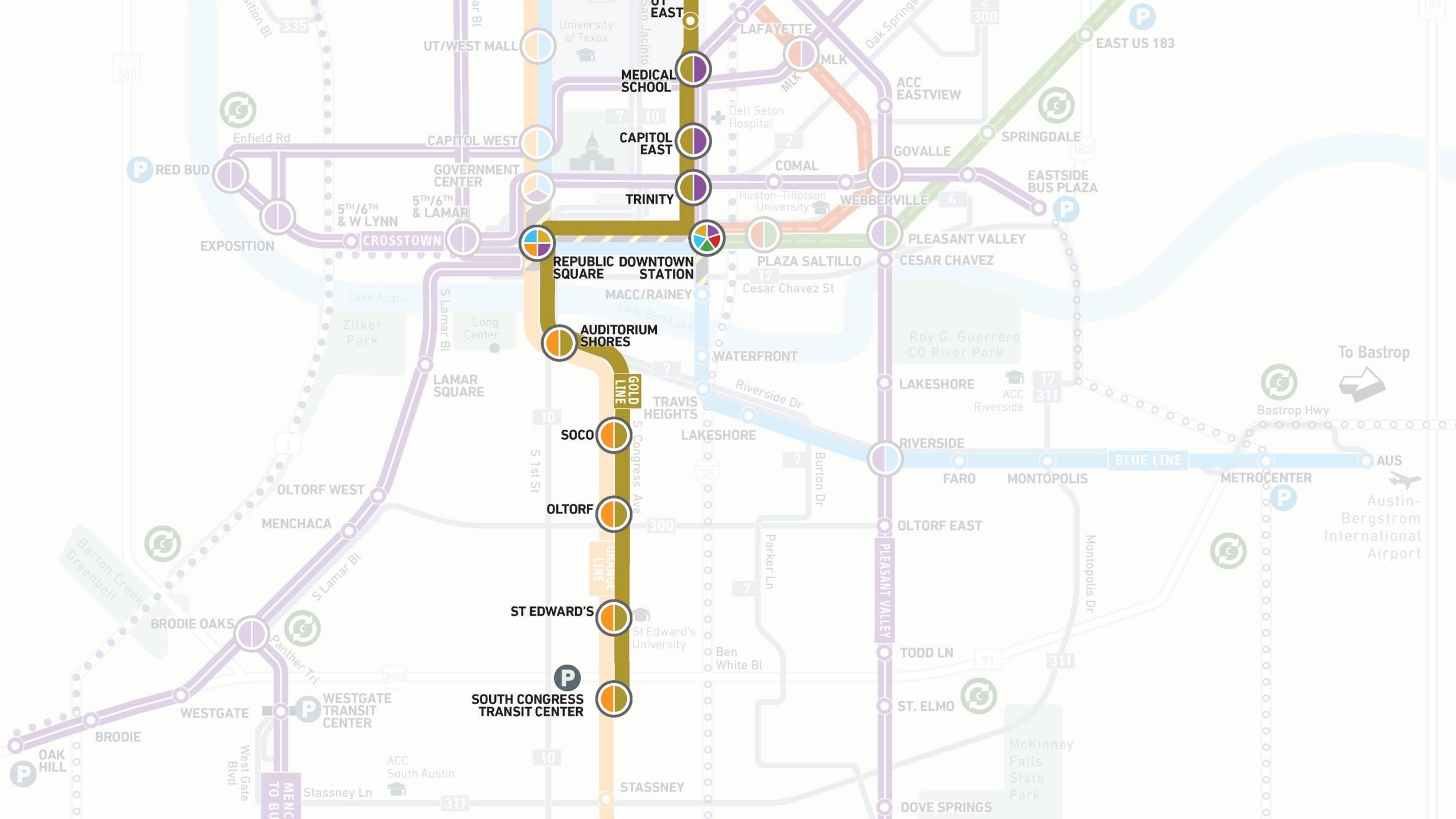


Blue Line Map



Gold Line Map





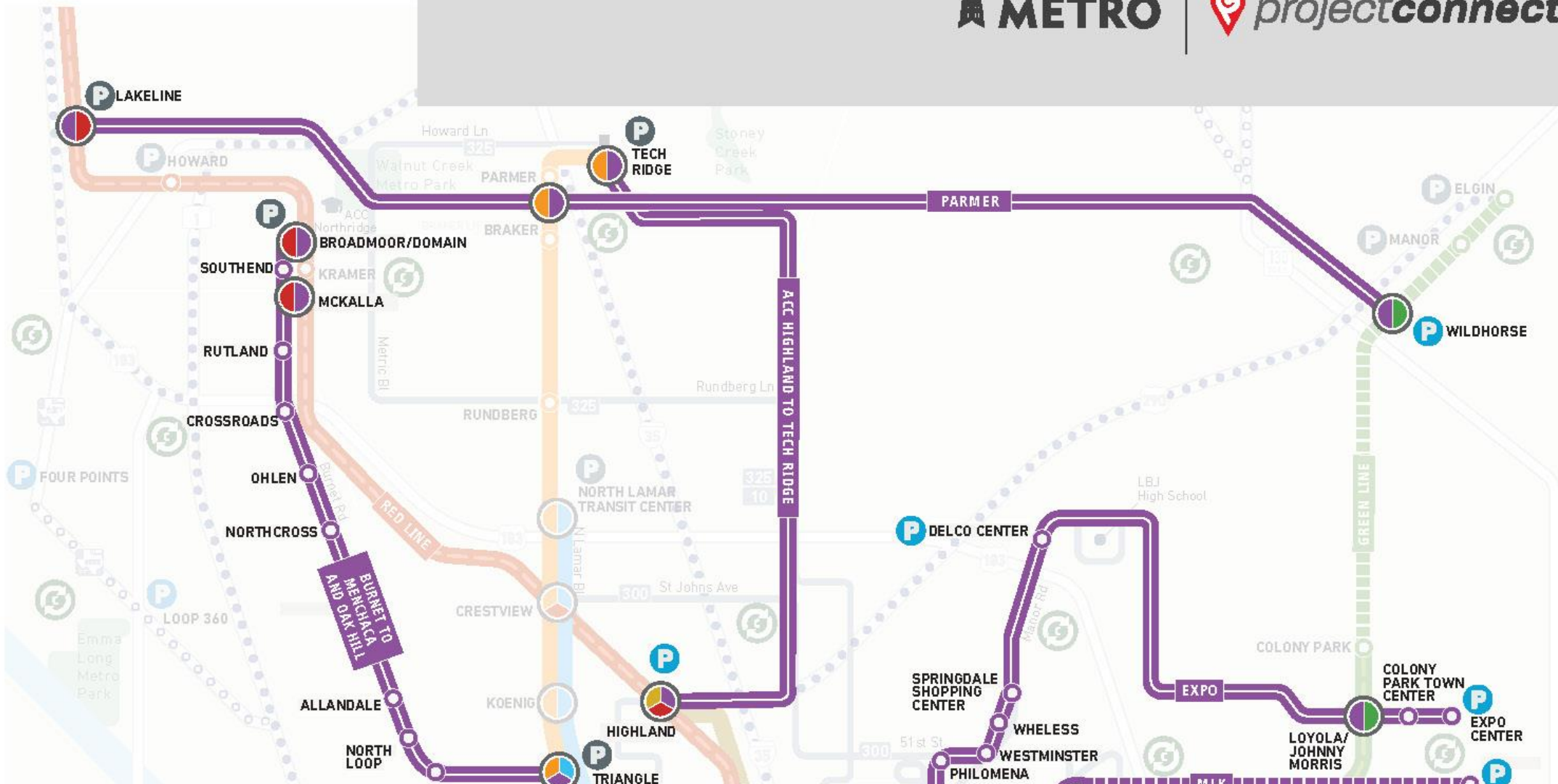
PROPOSED METRORAPID LINES

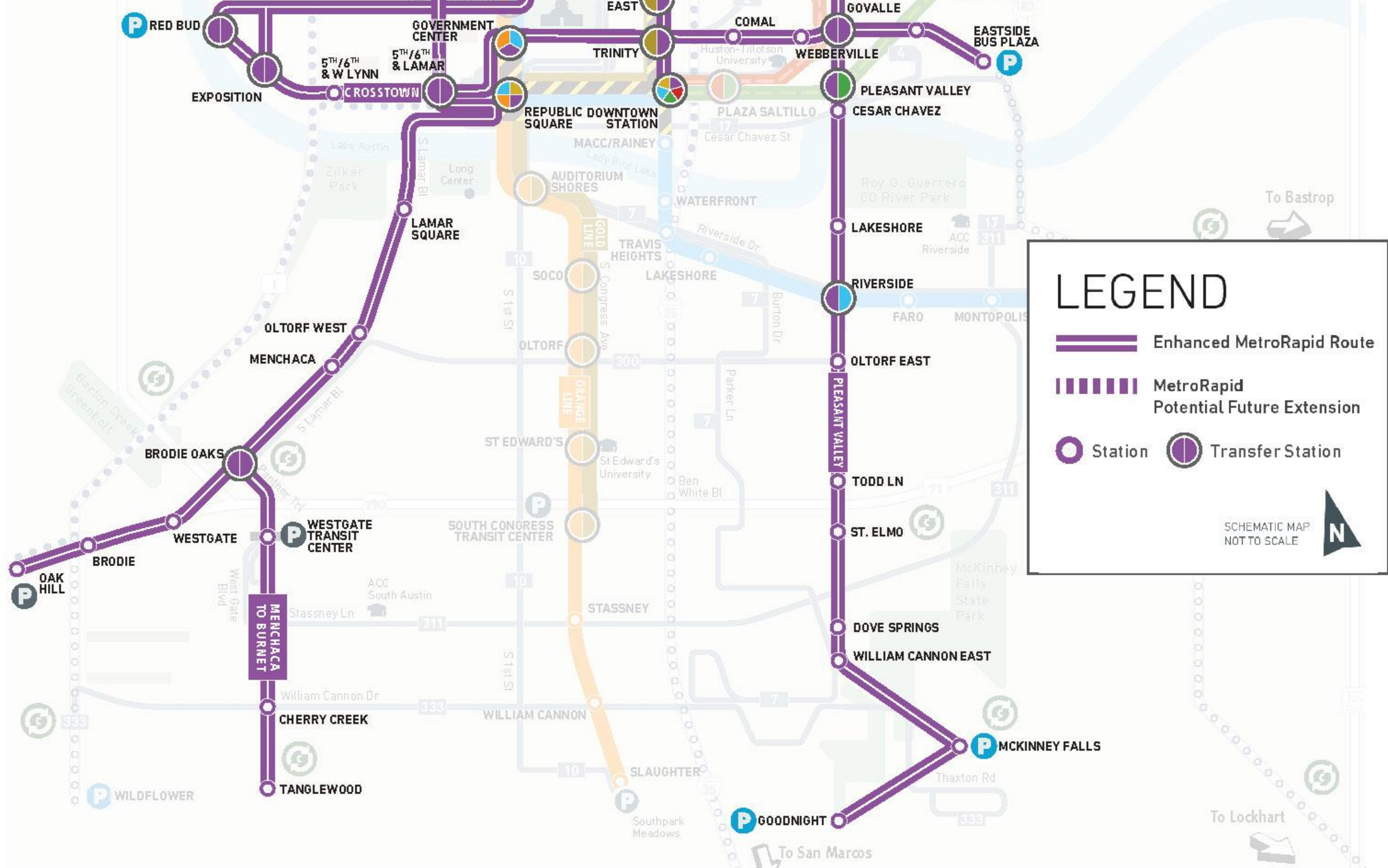


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



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REGIONAL PERSPECTIVE

LEGEND - Regional Perspective

- | | | | |
|---|---|---|------------------------|
|  | Light Rail |  | Express Routes |
|  | MetroRapid Route |  | Park & Ride (Current) |
|  | Potential Future Extensions |  | Park & Ride (Proposed) |
|  | Green Line |  | City of Austin |
|  | Green Line - Potential Future Extension |  | Rivers & Lakes |
|  | Red Line | | |

LEANDER

Leander

GEORGETOWN

Georgetown

35

ROUND
ROCK

Round Rock
Transit Center

HUTTO

Hutto

130
TOLL

