TOMORROW sub area planning 5 A

> **Eastside Community Area** Planning Team Meeting No. 8

Wednesday, December 11, 2019 St. Philip's College Campus Center Building Heritage Room 6 to 8 PM M

Cambridge Systematics, Inc. Economic & Planning Systems, Inc. Mosaic Planning and Development Services Ximenes & Associates

### Port San Antonio Area Project Team





- Garrett Phillips City of San Antonio
- Jay Renkens, Principal MIG, Inc.
- Mukul Malhotra, Principal MIG, Inc.
- Kevin Tilbury, Senior Associate Cambridge Systematics, Inc.





### Today's Meeting



- Welcome and Introductions
- Sub Area Overview
- Summary of Issues and Opportunities
- Proposed Street Typology
- Multimodal Linkages
- Wrap-up and Next Steps



## **SFC TOMORROW** Project Process and Schedule





### Sub-Area Planning Project Phases





### **Overall schedule of Planning Team Meetings**

- Meeting #1: Kick-Off and Orientation; Sub-Area Plan Overview
- Meeting #2: Preliminary Identification of Opportunities of Challenges; Preliminary Visioning
- Meeting #3: Confirm Vision and Goals; Focus Areas and Corridors
- ✓ Meeting #4: Housing and Job Projections; Land Use (1 of 2)
- ✓ Meeting #5: Land Use (2 of 2)
- Meeting #6: Housing and Economic Development Strategies (1 of 2)
- Meeting #7: Housing and Economic Development Strategies (2 of 2)
- **Meeting #8: Mobility**
- **Meeting #9:** Infrastructure and Amenities
- Meeting #10: Mobility (2 of 2)
- **Meeting #11:** Transformative Projects; Design Character



# **SFORD TOMORROW** Overview of Mobility



## What is *mobility*?



### What is mobility?



- Providing choices for people and things to move between:
  - Home
  - -Work
  - School
  - Errands
  - Fun and games



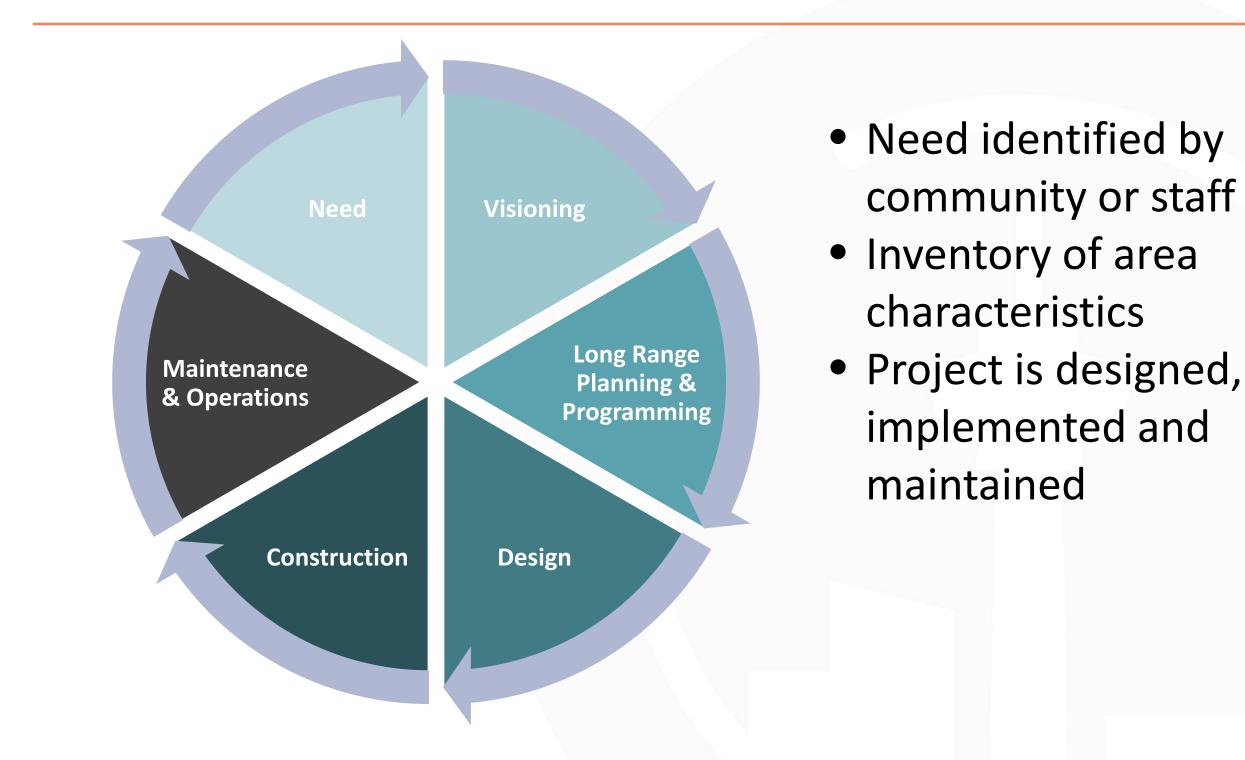
### Mobility choices



- Private motor vehicles.
- VIA/Transit
- Shared mobility (Uber/Lyft/carpools)
- Cycling
- Walking
- "New" mobility e-scooters and e-bikes
- All ages and ability levels



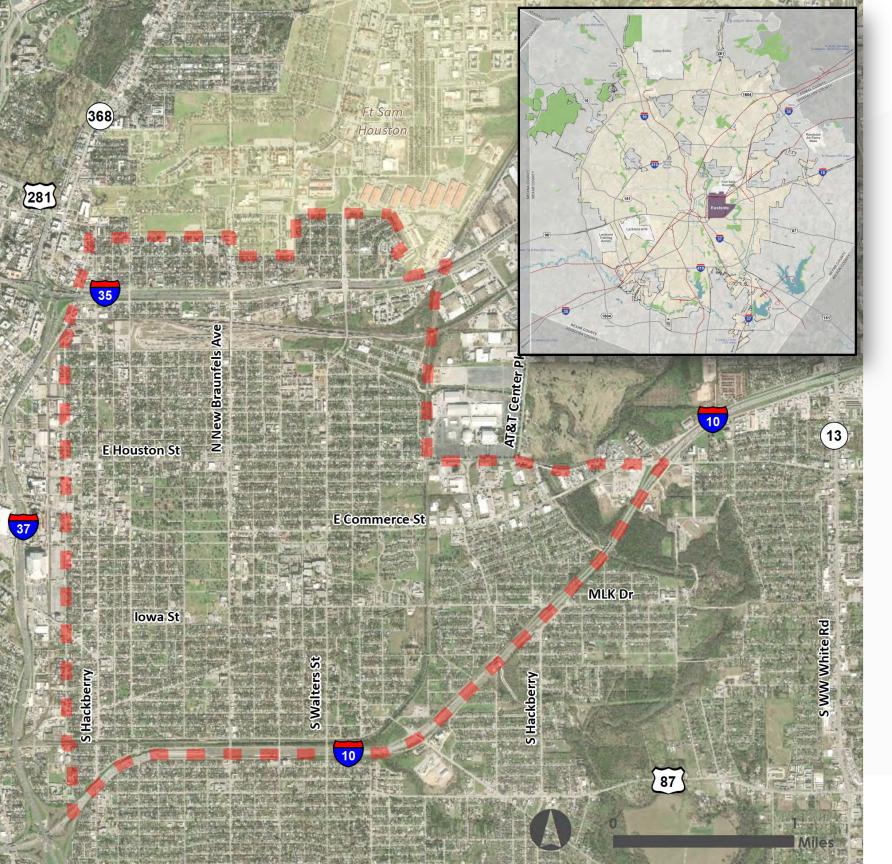
### **Mobility Project Process in San Antonio**





# **SECTOMORROW** Existing Conditions

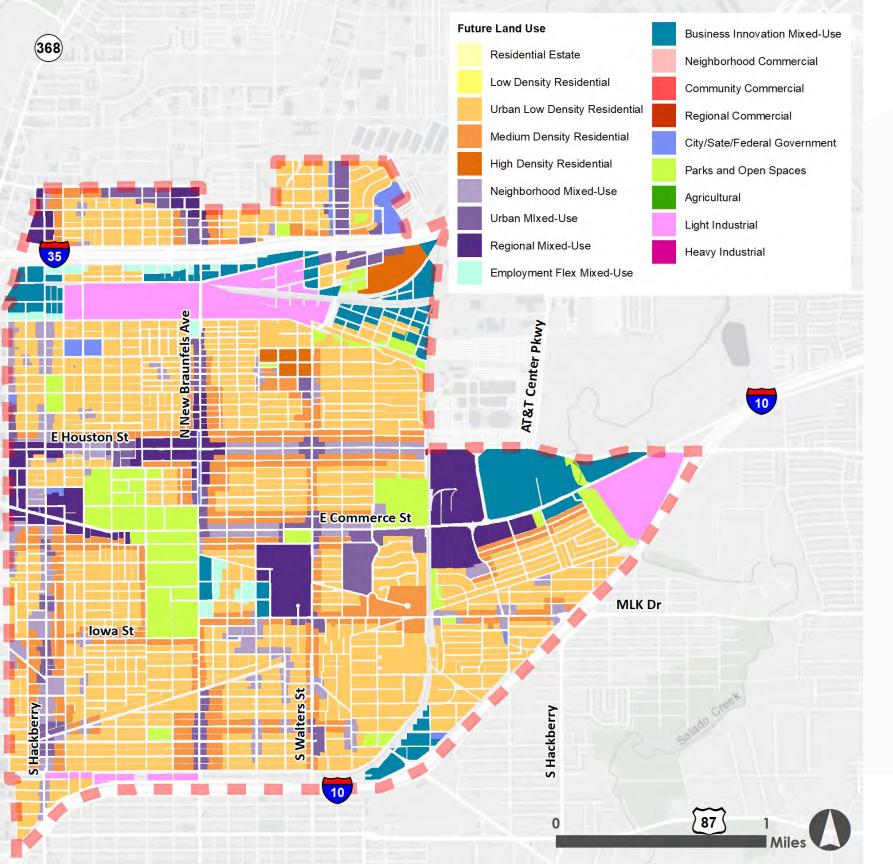




### Overview

- Historic streetcar neighborhoods
- Local retail
- Industrial/warehousing
- Framed by downtown on the west; AT&T Center on the east

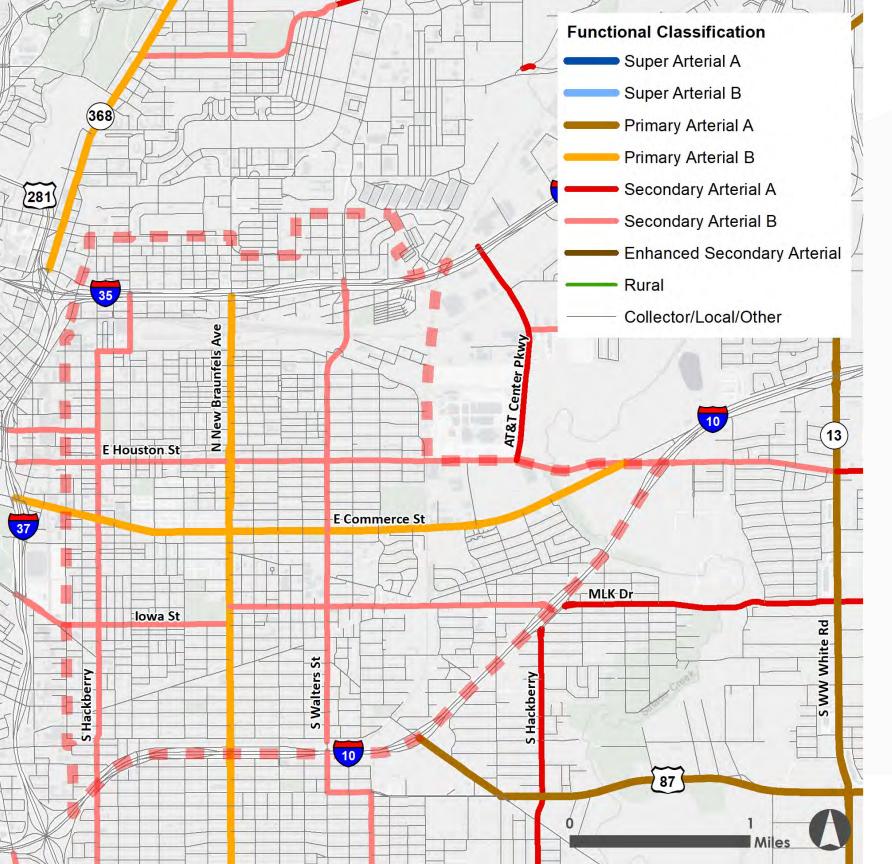




### Future Land Use

- Urban Low Density Residential
- Medium Density Residential
- Neighborhood and Urban Mixed Use
- Regional Mixed Use
- Light Industrial
- Business Innovation
- Parks and Open Space

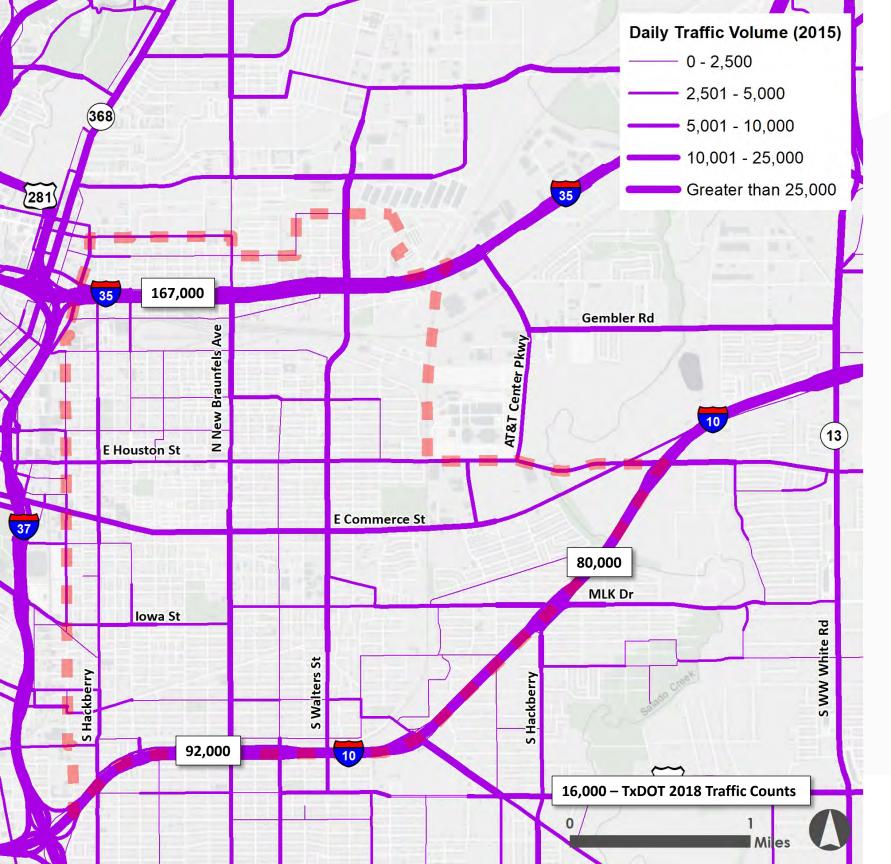




### **Functional Class**

- Primary Arterial traverse the heart
  - Commerce (east-west)
  - New Braunfels (north south)
- Evenly spaced Secondary Arterials
  - Houston,
  - Iowa/MLK
  - Hackberry
  - Walters
- Dense local street network

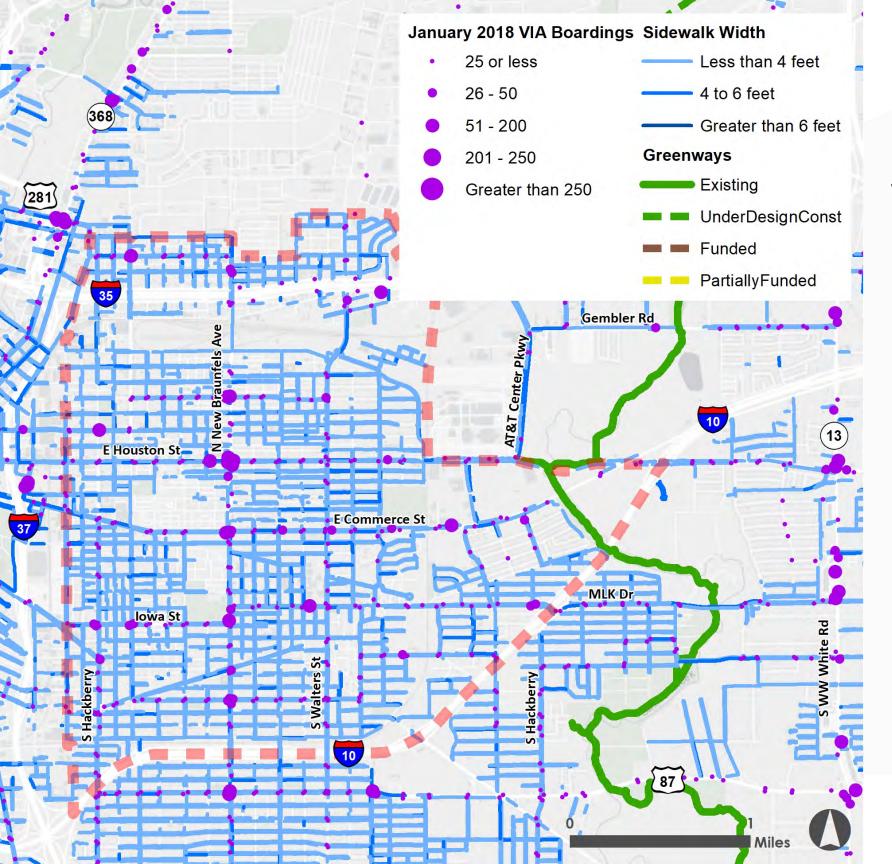




### **Daily Traffic Volumes**

- Interstates carry a majority of the regional traffic
- Arterials carry between 10,000 and 25,000 vehicles per day or less
- Well-connected network disperses traffic



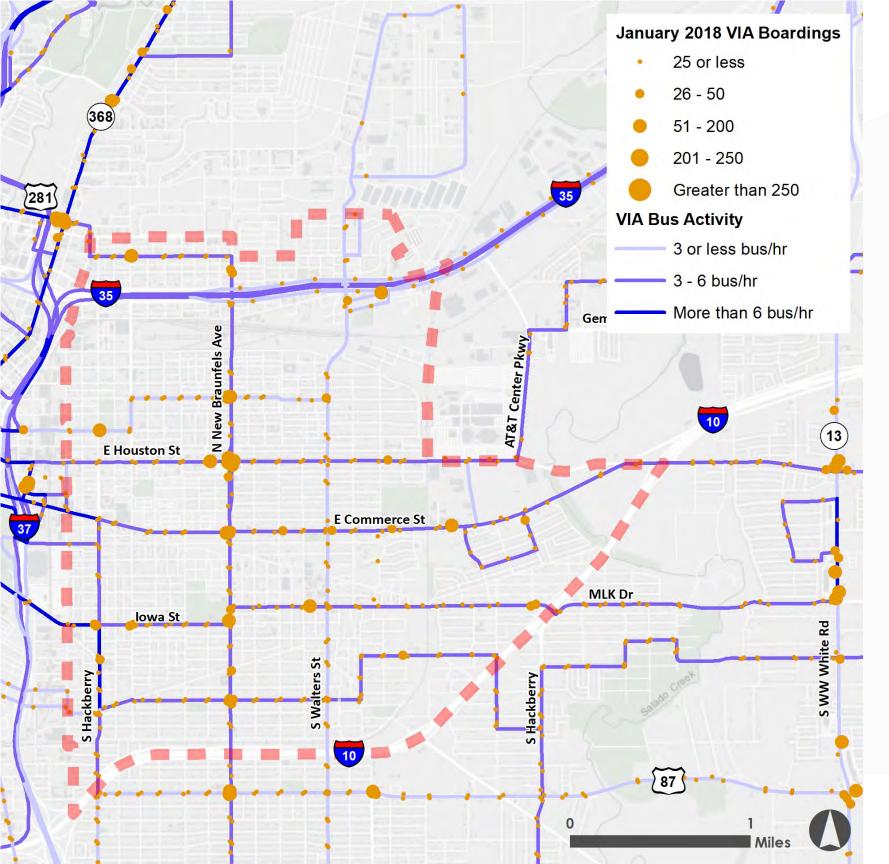


### Walking and Transit

- Good sidewalk coverage
- Inadequate width, lack of buffer



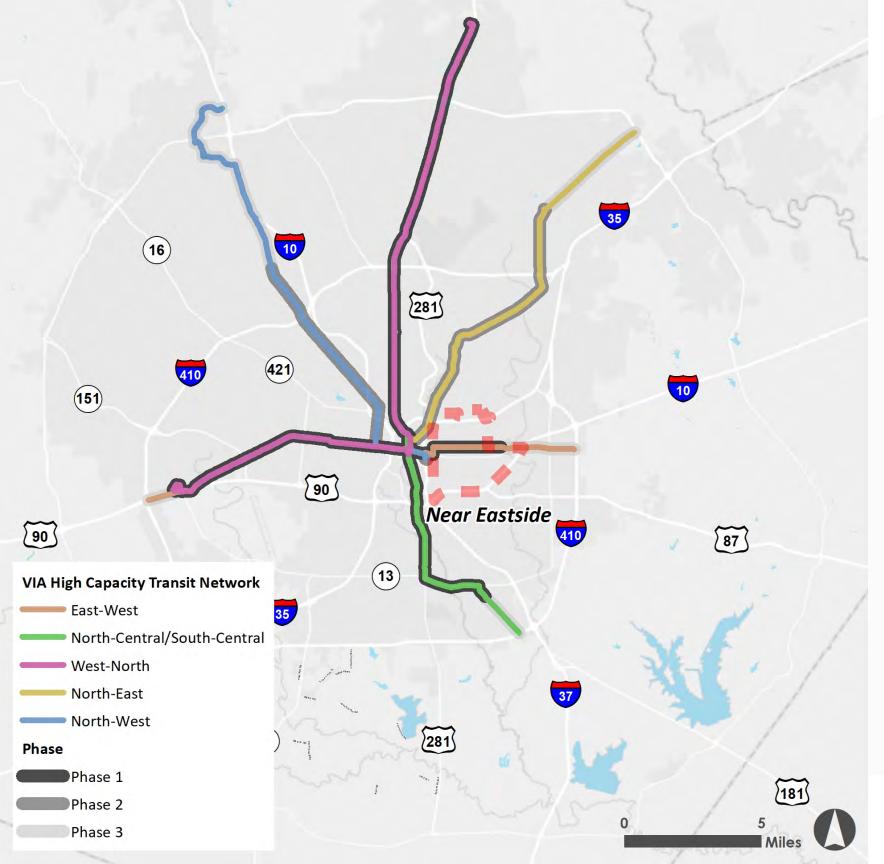




### Walking and Transit

- Higher levels of service on east-west arterials, New Braunfels
  - Houston, Commerce, Iowa/MLK, Porter
  - New Braunfels Avenue
- Major trip generators
  - New Braunfels corridor
  - Commerce between Spriggsdale and New Braunfels
  - MLK/Iowa between Walters and Hackberry

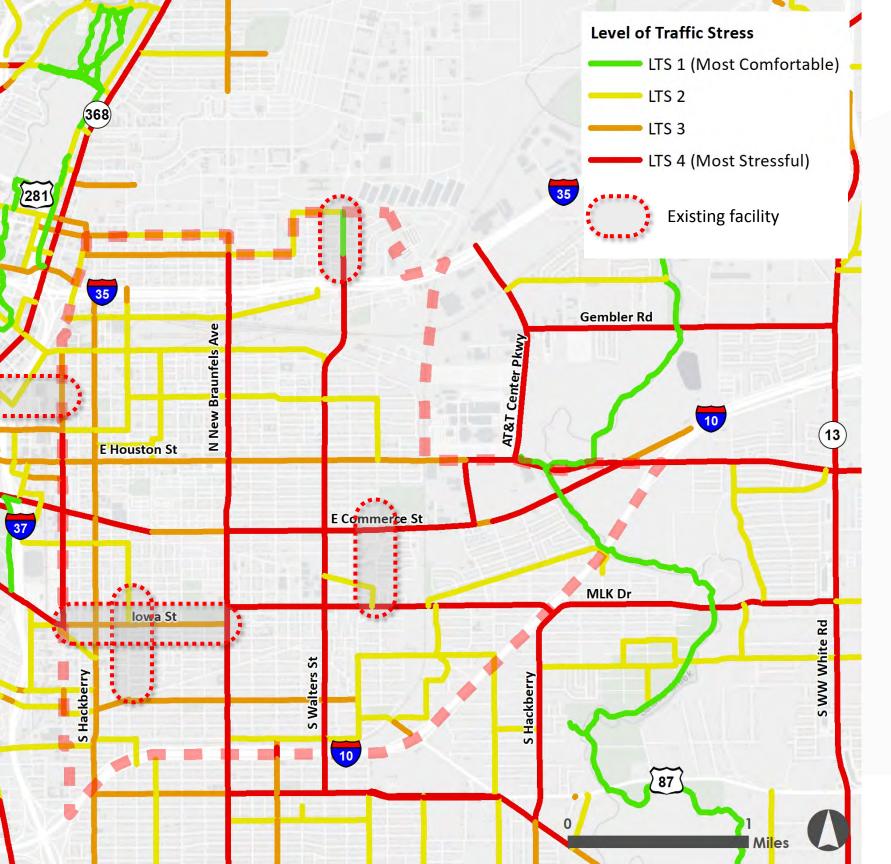




### **High Capacity Transit**

- East-West Corridor
- Houston Street
- Planned Primo service on New Braunfels





## Cycling

- Traffic speed, lane width limit cycling options on arterials
- Local streets provide better opportunity
- Grayson – Hayes – Montana LTS LTS INTERESTED 🗹 CONCERNED INTERESTED 🗉 CONCERNED LTS 2 bicycle riders are representative of a typical mainstream adult & can accept some degree of stress while ing along a roadway. City of Bellevue, WA







### ENTHUSED 🚈 CONFIDENT

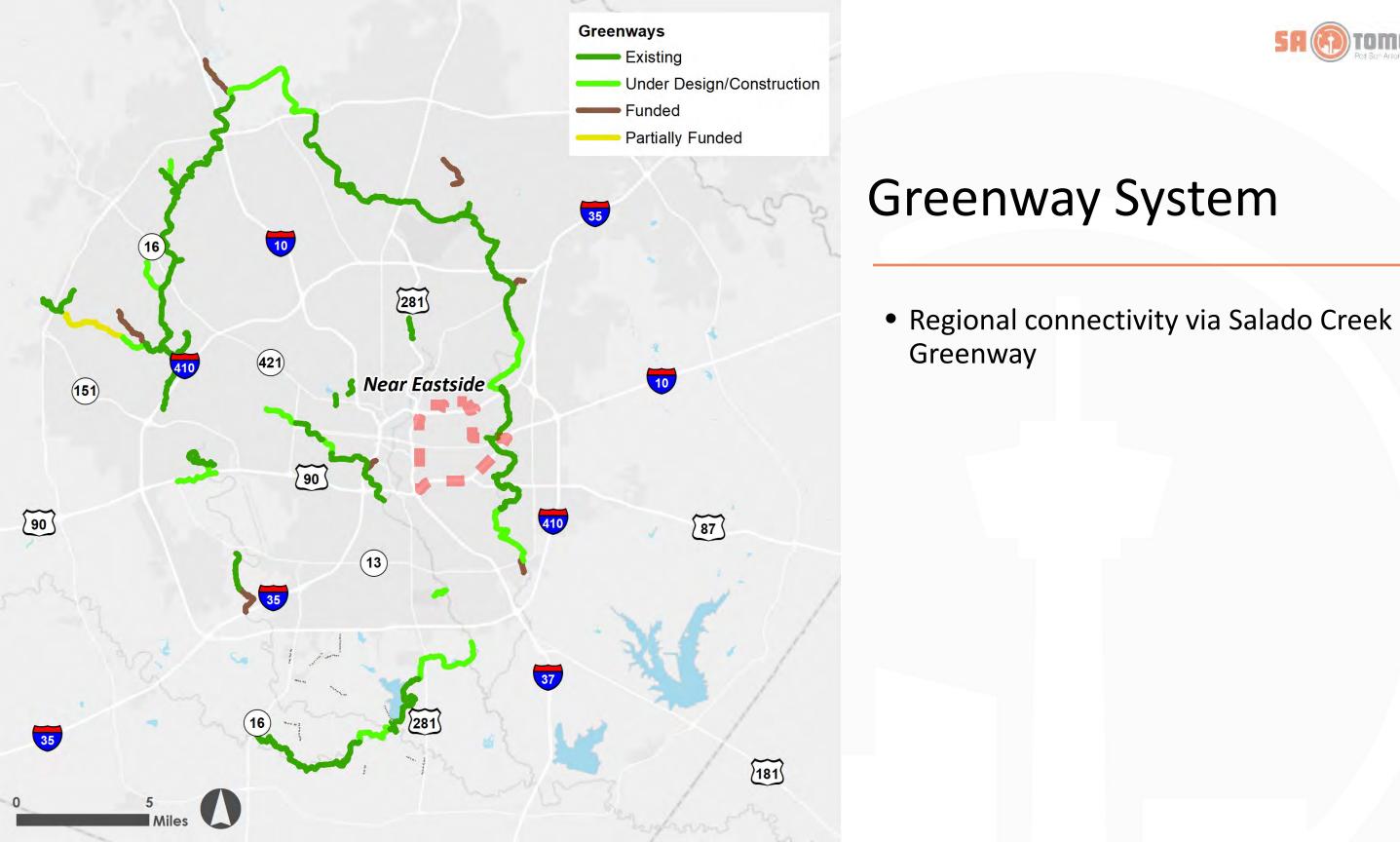
LTS 3 bicycle riders can tolera ome stress even though they ma refer to ride with a lower level o fic stress.



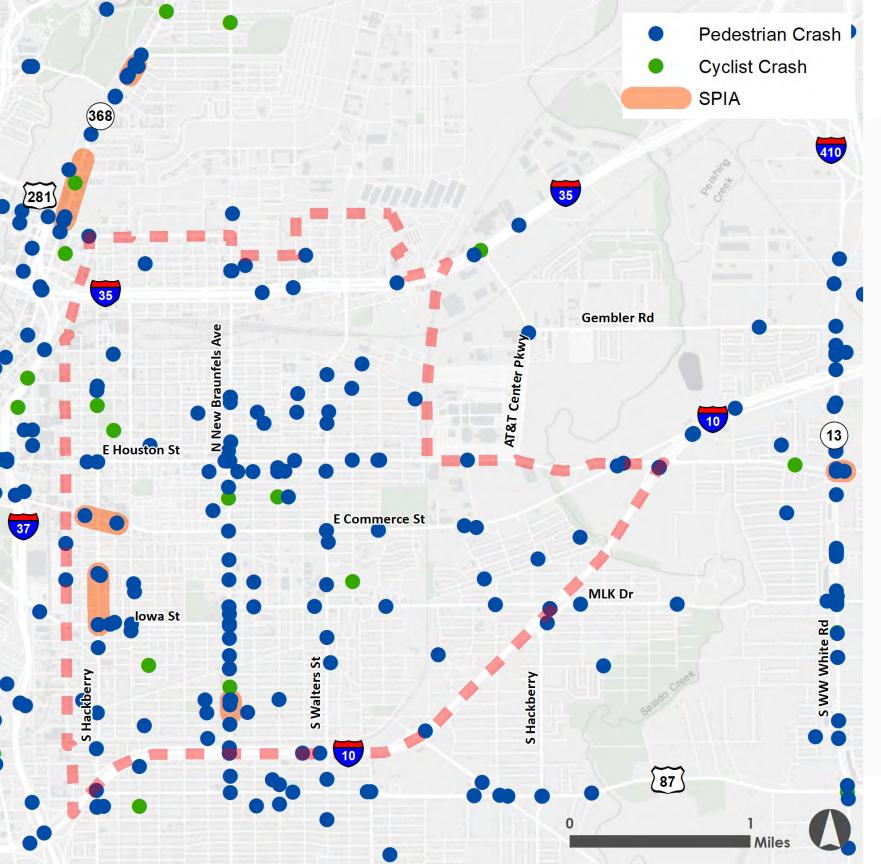
### STRONG **EARLESS**

LTS 4 is tolerated for any significant distance only by "strong and fearless bicycle riders who are comfortable riding in a mixed-traffic envi





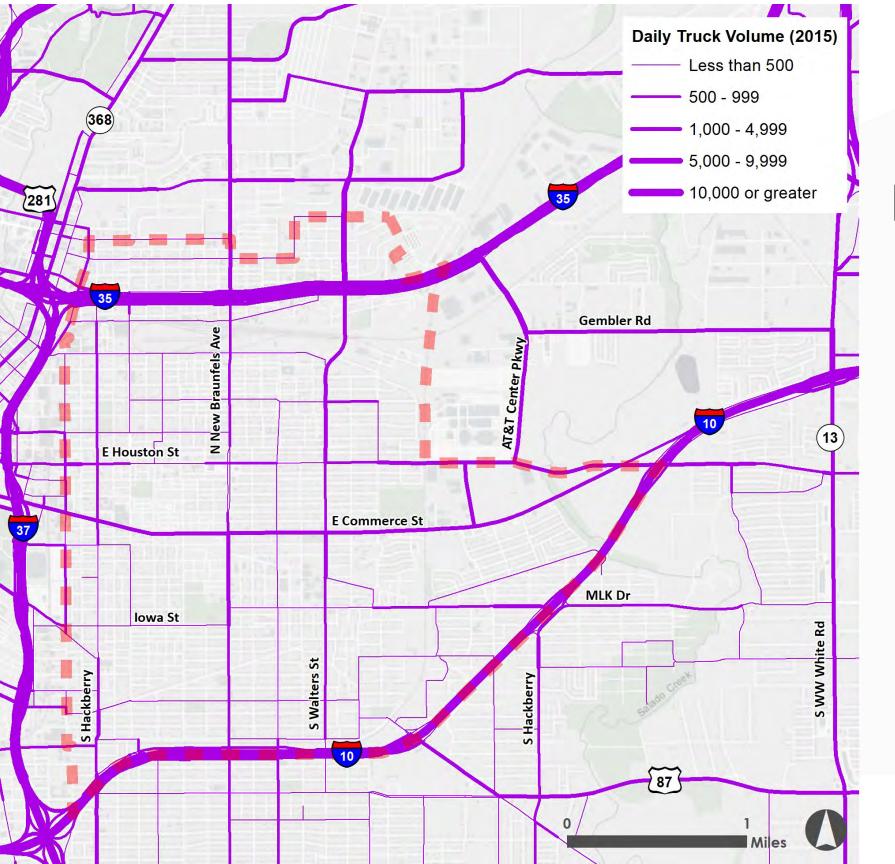




### **Bicycle and Pedestrian Crash History**

- SPIAs
  - Commerce from Mesquite to Olive
  - Hackberry from Iowa to Dakota
  - New Braunfels from Denver to Porter
- Higher crash experience New Braunfels corridor
- Crashes dispersed elsewhere



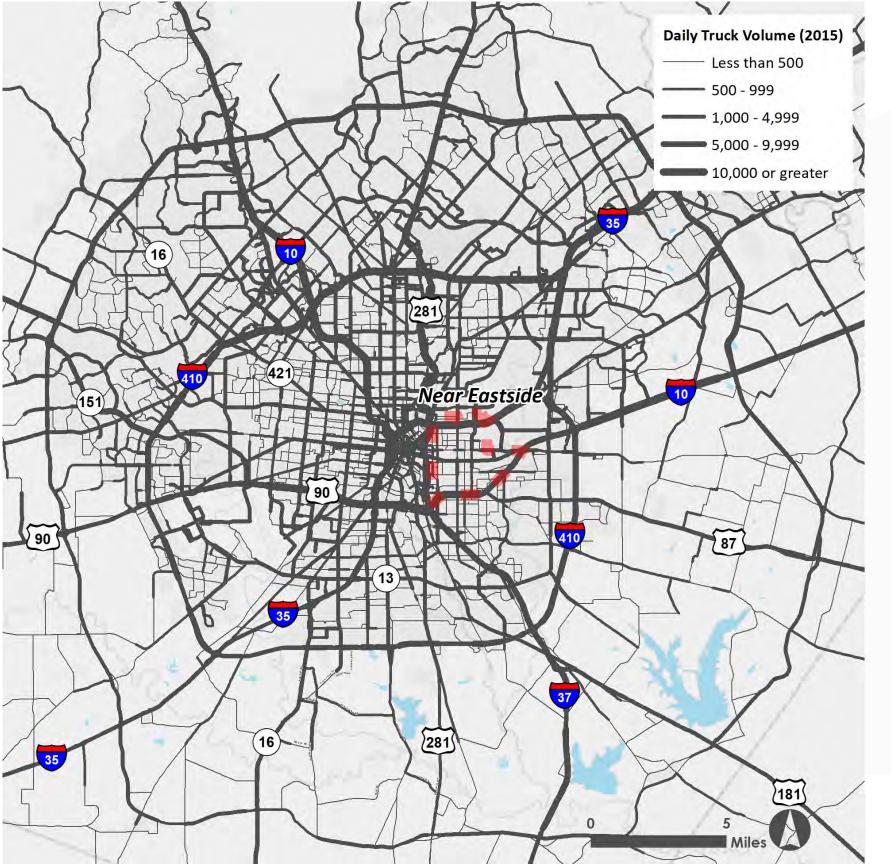


### Freight

- Heavy truck volumes on interstates
- Lower volumes on Commerce, New Braunfels, Walters



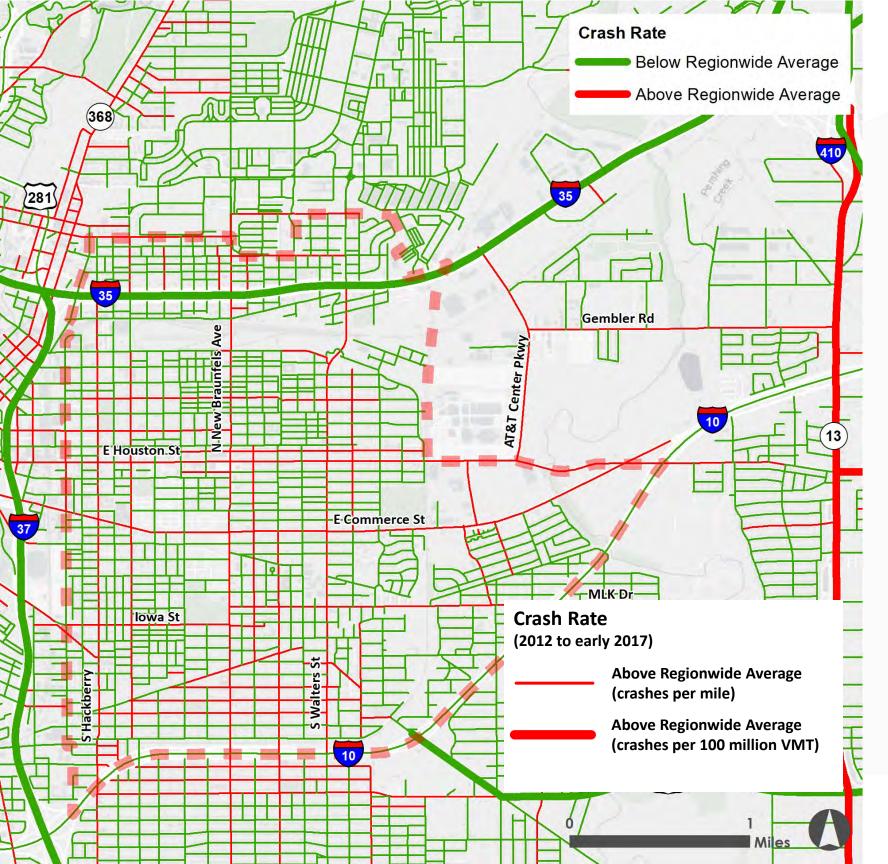
## on interstates ommerce, New



### **Regional Freight** Context

- I-10 and I-35
- Major components of regional freight network





### **Motor Vehicle Crash** History

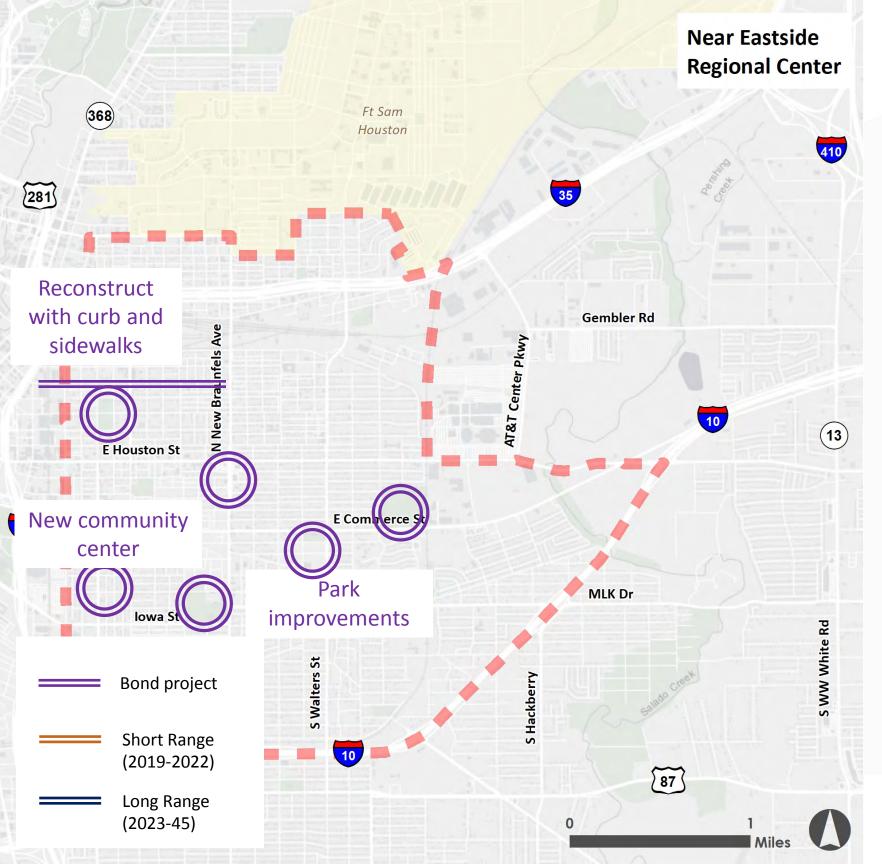
• Most arterials have higher than average crash experience





### Planned Roadway Projects

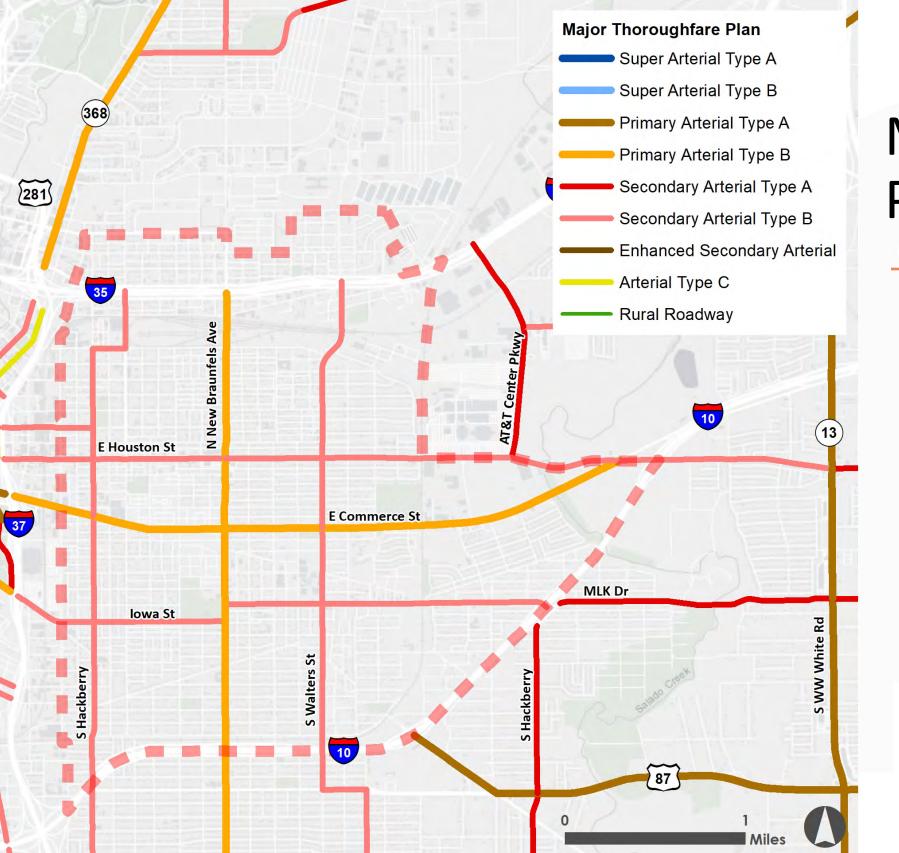




### Planned Bicycle/Pedestrian/Transit/ Park Projects

- New sidewalks
- Park improvements

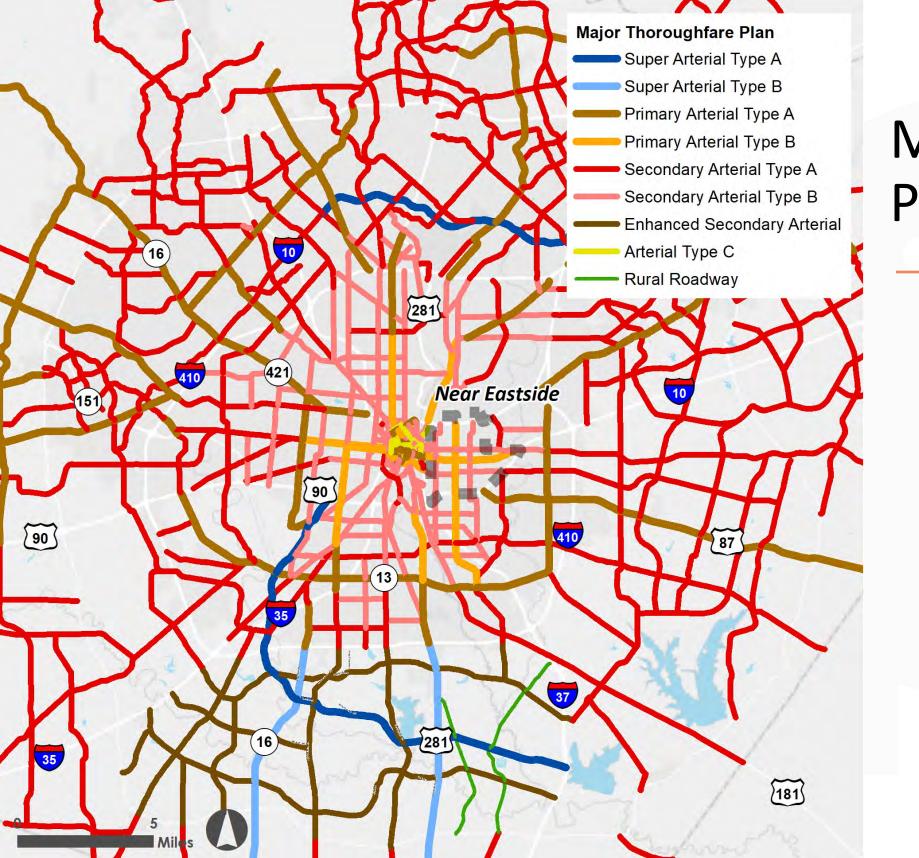




### Major Thoroughfare Plan

• Not a fundamental difference from existing network

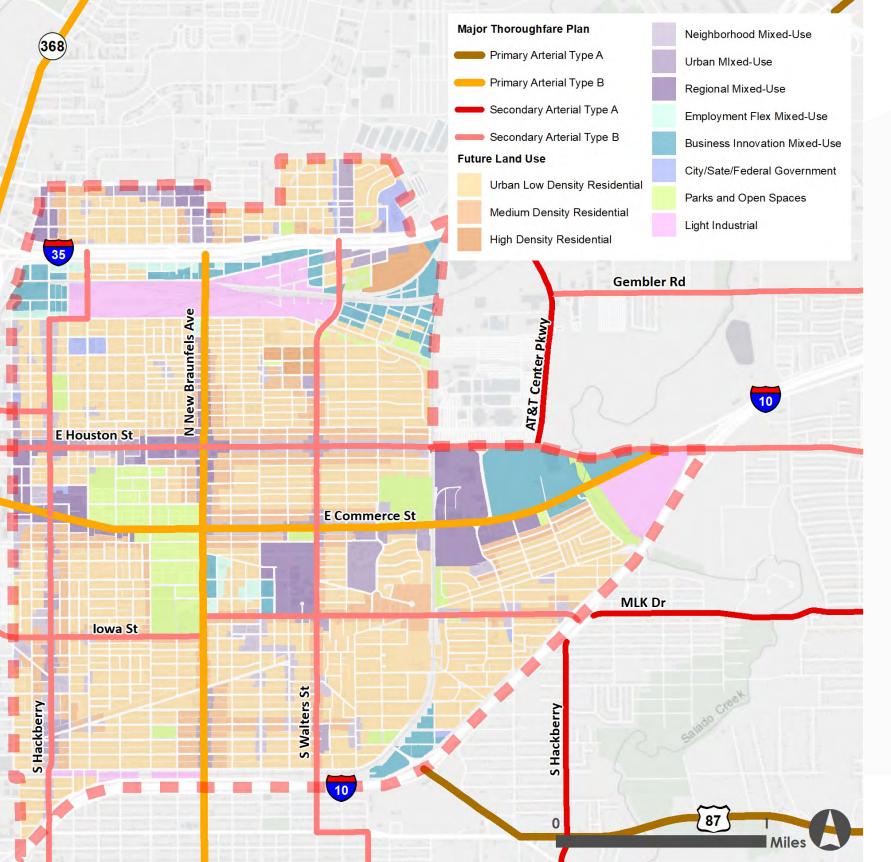




### Major Thoroughfare Plan: Regional Context







### **Combined Context**

### • Predominantly urban context



# **FROM TOMORROW** Issues and Opportunities



Neighbors will feel comfortable, safe, and secure spending time outside, getting exercise, traveling, walking, and engaging with neighbors. Diverse communities of people will live, participate, and thrive together in Eastside neighborhoods. Places of historical and cultural heritage will be preserved and valued. More employment opportunities will be located in the area and available for local residents. Neighbors will feel comfortable, safe, and secure spending time outside, getting exercise, traveling, walking, and engaging with neighbors.



- Public places will support interaction among people from diverse backgrounds.
- A complete and maintained network of sidewalks will provide easy access to public places.

- Basic infrastructure for walking, such as sidewalks, lighting, and trees will be complete and maintained.
- Additional infrastructure improvements will be of exemplary quality, supporting multiple community goals, including social interaction and health, complementing cultural assets, and enhancing transportation choices.
- Complete streets will make walking, bicycling, and riding transit safe, convenient, and comfortable.

Residents will be connected to trails, parks, and other green spaces.



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### **Community Feedback**

- Majority say walking and cycling is "Difficult" or "Very Difficult"
- Majority say taking transit is "Easy" or "Very Easy"
- Even split on Driving
- Sidewalk gaps or poor condition
- Lack of bike lanes



### **Issues and Opportunities**

- Lack of pedestrian (and transit) infrastructure
- Disconnected cycling network

- Premium and high capacity transit
- Connectivity to downtown
- Dense, interconnected street network





### bacity transit cown d street network



# **SFIED TOMORROW** Proposed Street Typology

















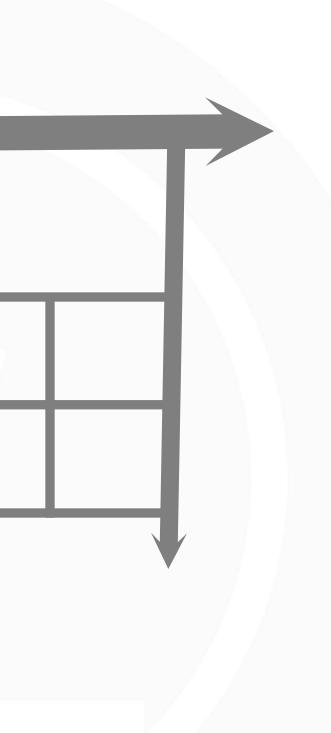
# What do you want your streets to say about you?

### Traditional Approach to Streets

- Organized by function and role
- Hierarchical
- One-size-fits-all

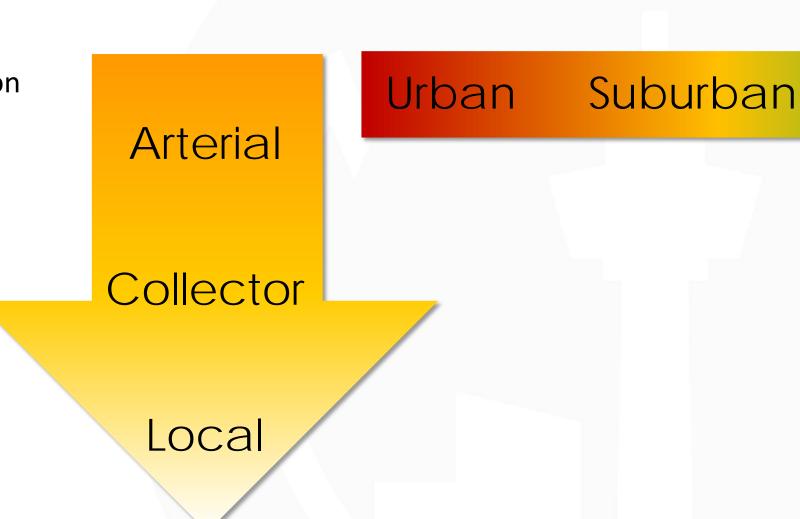
А	rteria	
Collector	Local	





# "Hybrid" approach

- Role and function stay the same
- Character changes based on context

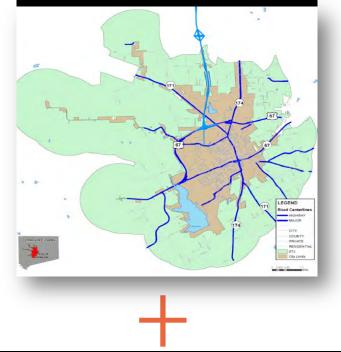






### Example: Cleburne, Texas

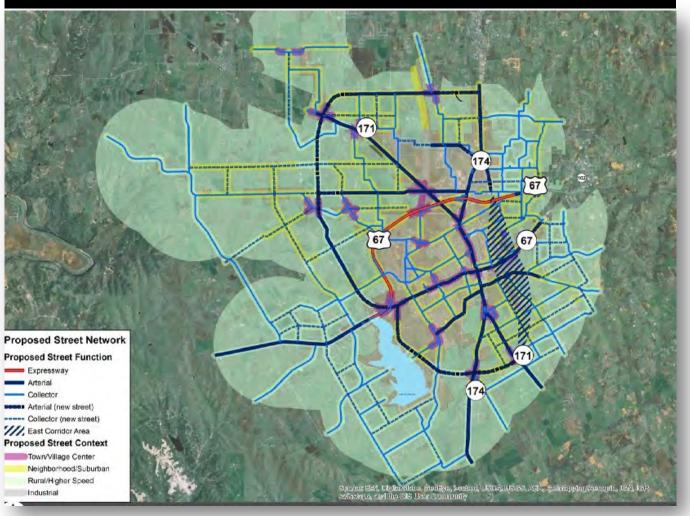
### STREET FUNCTION



### LAND USE/CHARACTER



### **CONTEXT-SENSITIVE STREET TYPES**





### Relationship Between Streets and Character Areas

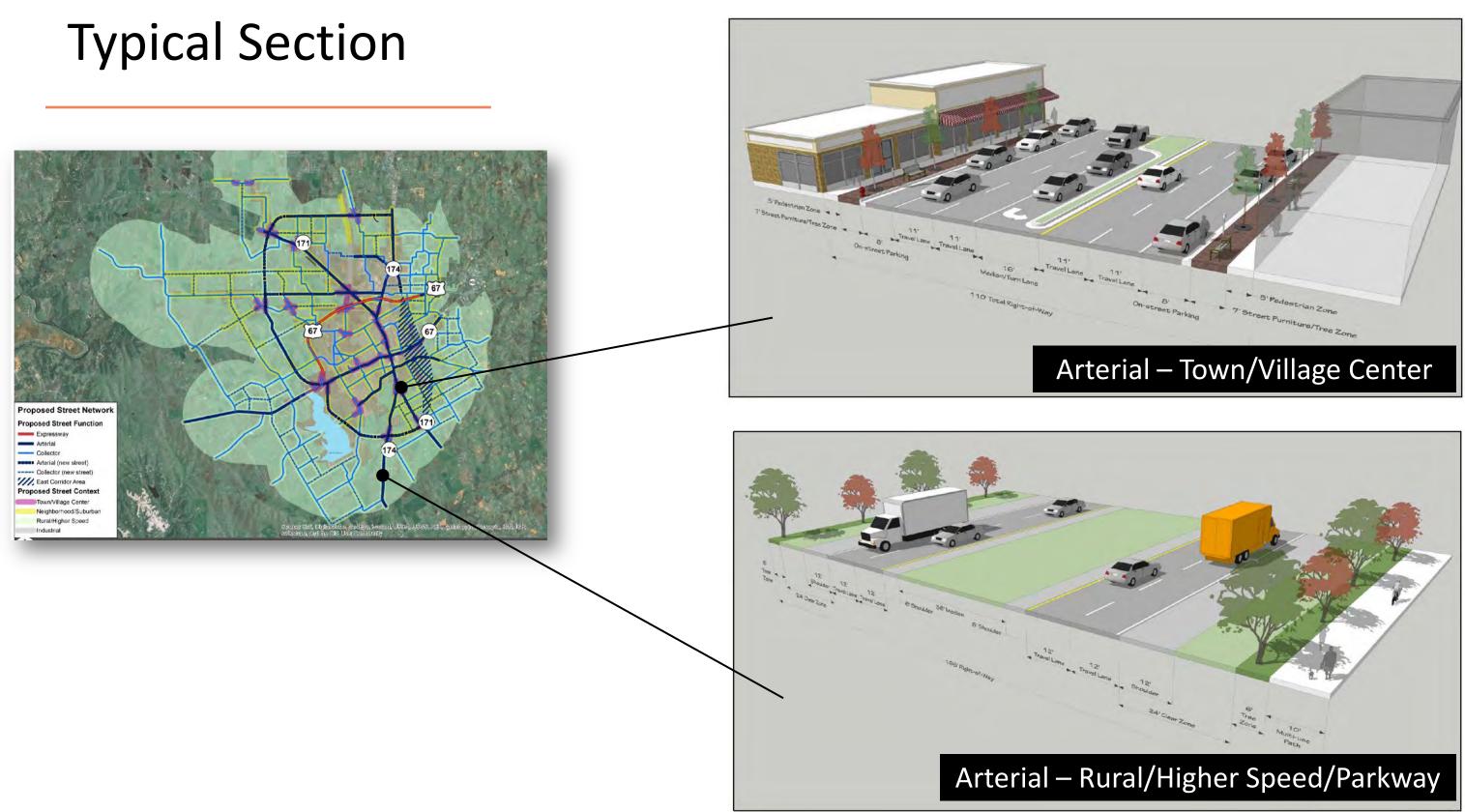
	Character Area						
Function	Rural/ Higher Speed	Neighbor- hood/ Suburban	Town/ Village Center	Industrial			
Freeways and Expressways Arterial							
Collector Local							

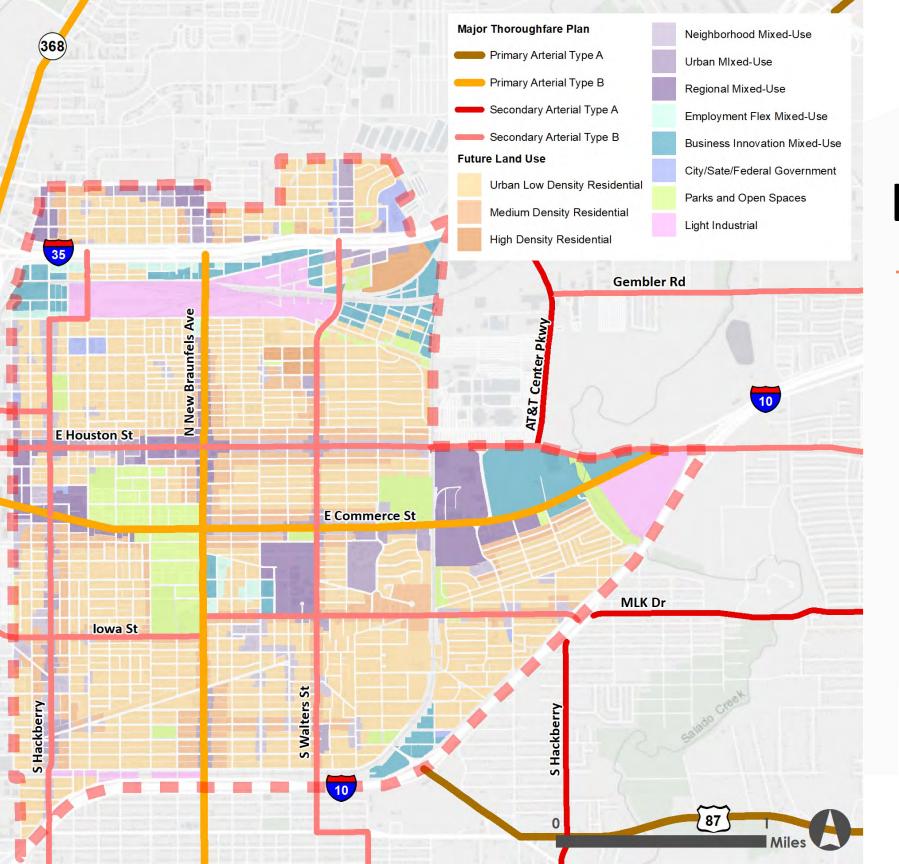


### Moving vehicles

Emphasis

### People and places



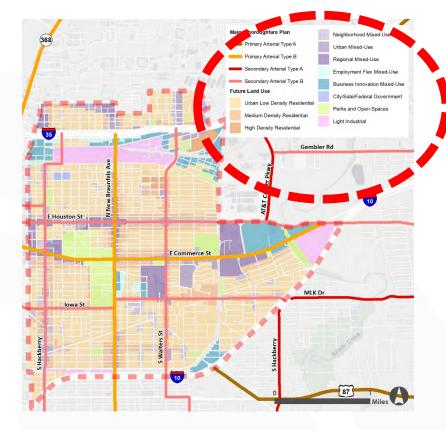


### Land Use Link

- Street character/context
- Major trip generators
- Access management
- Parking (street, bundled/unbundled, etc.)
- Drop off/delivery zones
- Pedestrian
- Informs other plan sections



### Context areas



		Business and Innovation Mixed-Use	Agricultural	Urban Low Density Residential	Neighborhood Commercial	Business and Innovation Mixed-Use	
	Residential Estate	Community Commercial	Light Industrial	Medium Density Residential	Urban Mixed Use	Employment/Fle x Mixed Use	Parks and Open Space
	Low Density Residential	Regional Commercial	Heavy Industrial	High Density Residential	Neighborhood Mixed Use	Regional Mixed- Use	City/State/Feder al Government
Context	Suburban Residential	Suburban Commercial	Industrial	Multi-family Residential	Mixed Use Residential/ Storefront	Mixed Use Employment/ Civic	Variable

# Proposed Street Types

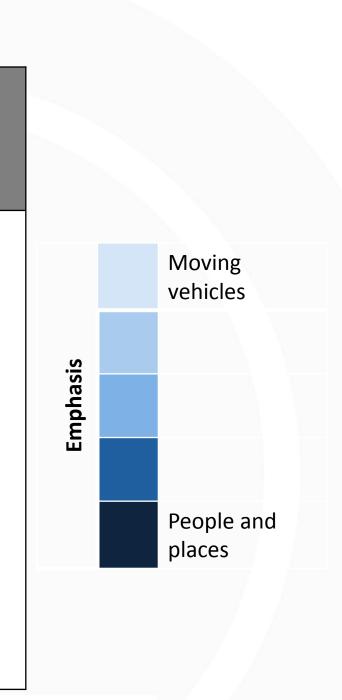
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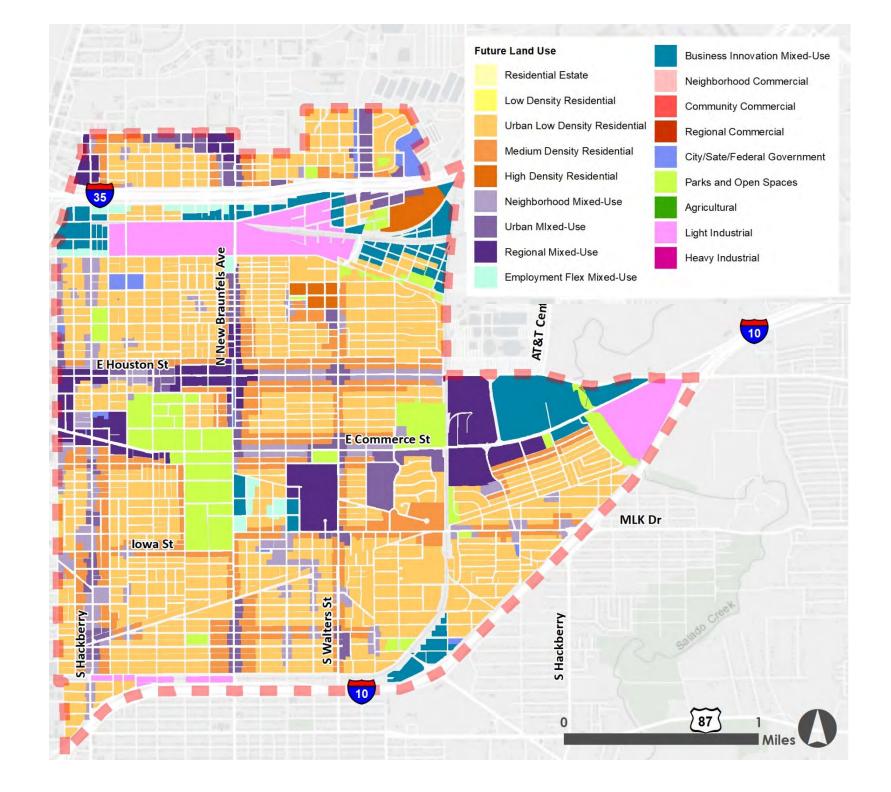


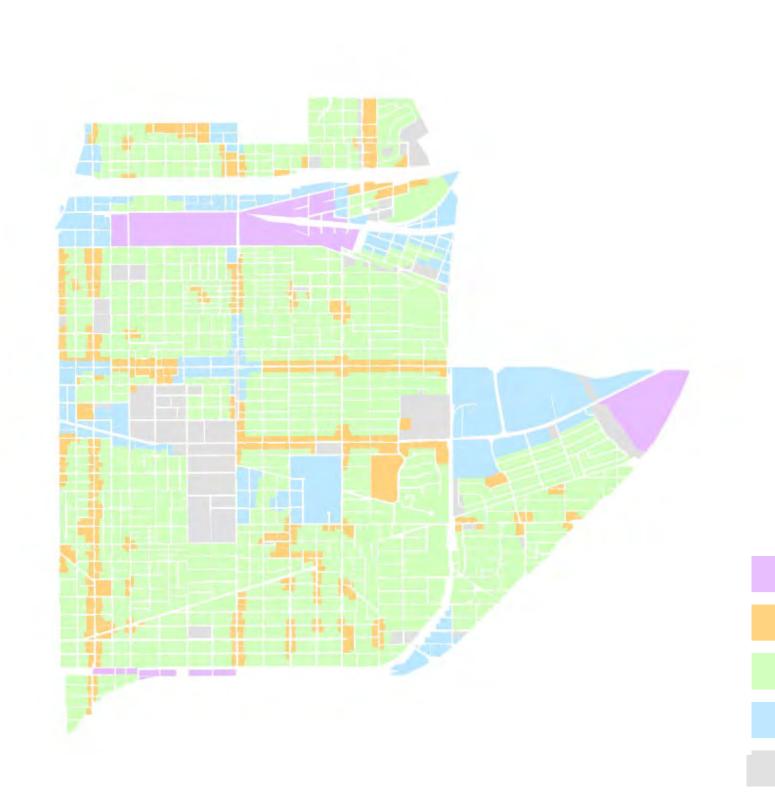
### Emphasis: Cars vs. People and Places

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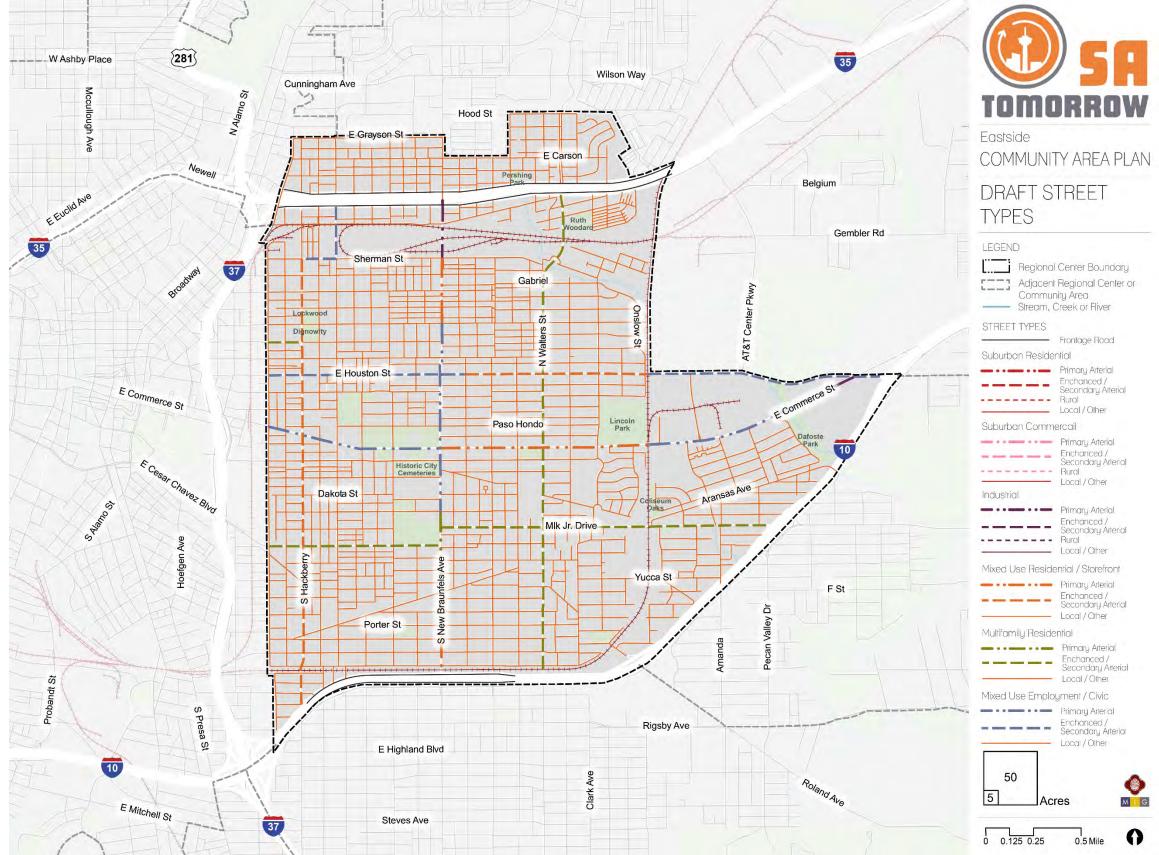


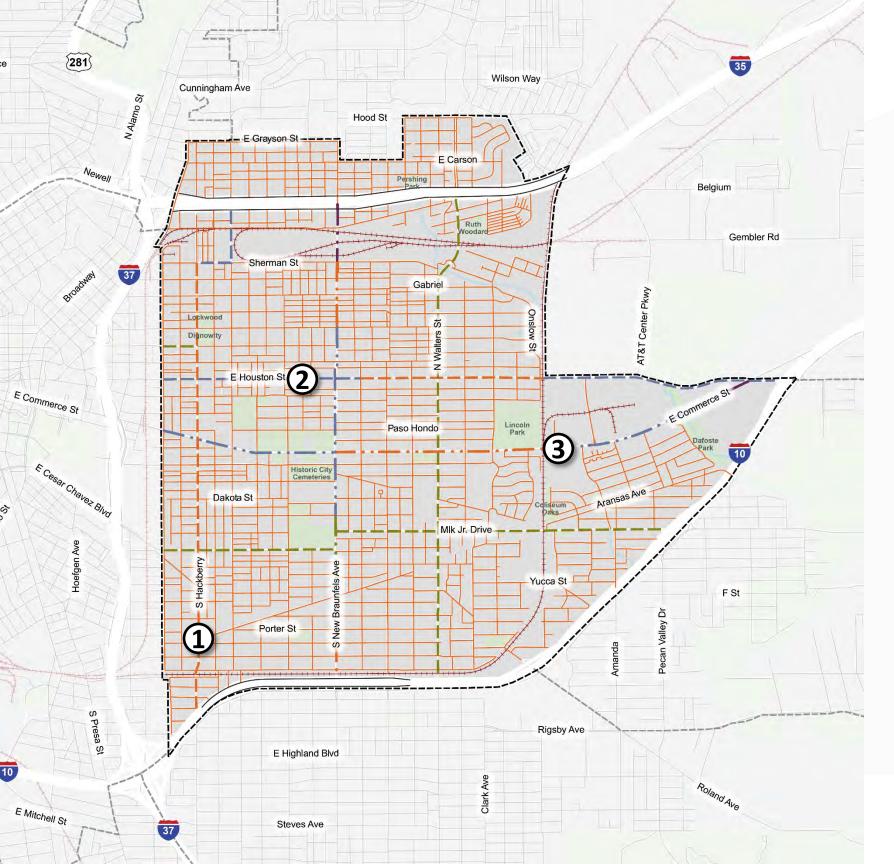






Industrial Mixed Use Residential Multi-family Residential Mixed Use Employment Variable

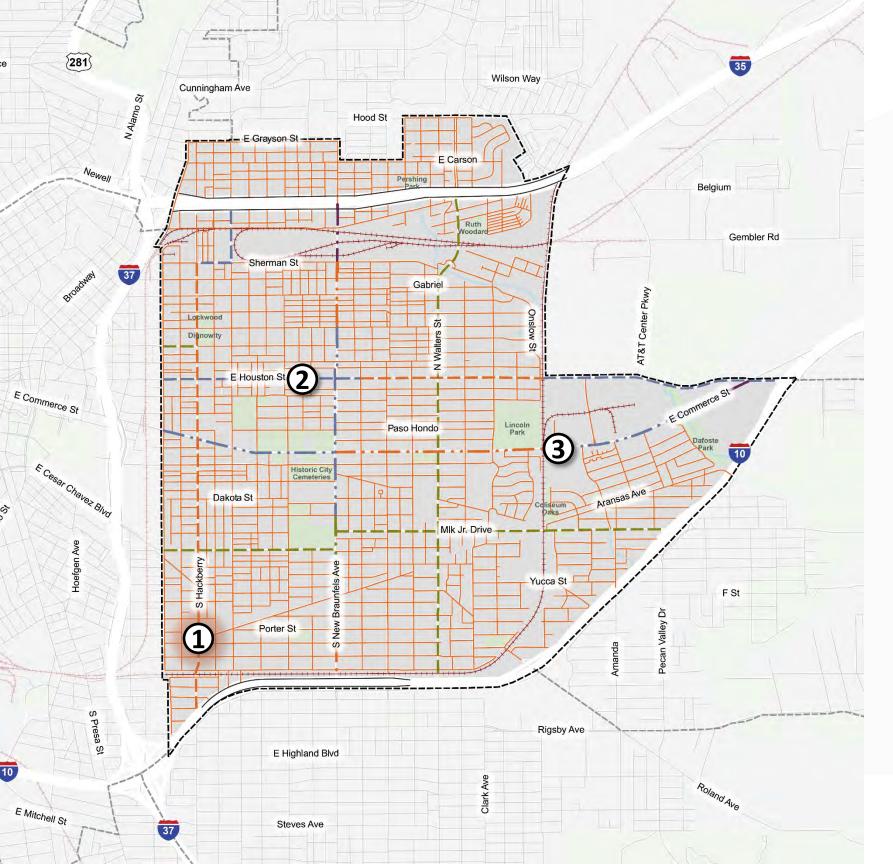




### **Reality Check**

- Hackberry south of Aransas Avenue 1.
- 2. Houston Street west of New **Braunfels Avenue**
- 3. Commerce Street west of Spriggsdale **Boulevard**





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Mixed Use Residential/Storefront Secondary Arterial

ONG RESTAURANT



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### Before

# Mixed Use Residential/Storefront Secondary Arterial

deya



Mixed Use Residential/Storefront Secondary Arterial

Mixed Use Residential/Storefront Secondary Arterial

N Main



# Mixed Use Residential/Storeflont Secondary Arterial



# Residential orefront Secondary Arterial



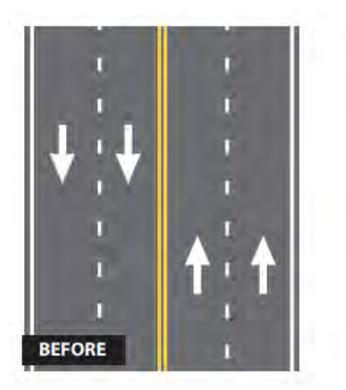
**MAN** 

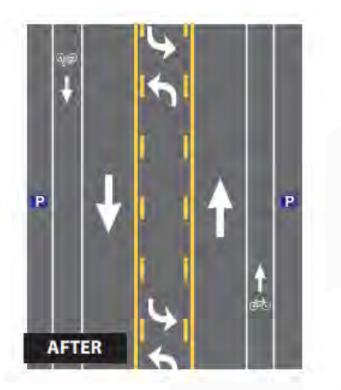












# Road Before Road After

# **Road Diet?**

- Classic road diet is four lanes to three
- Use residual ROW for turn lanes, bike lanes, on-street parking, wide sidewalks, etc.
- Crash reduction
- Less than 20,000 vehicles per day

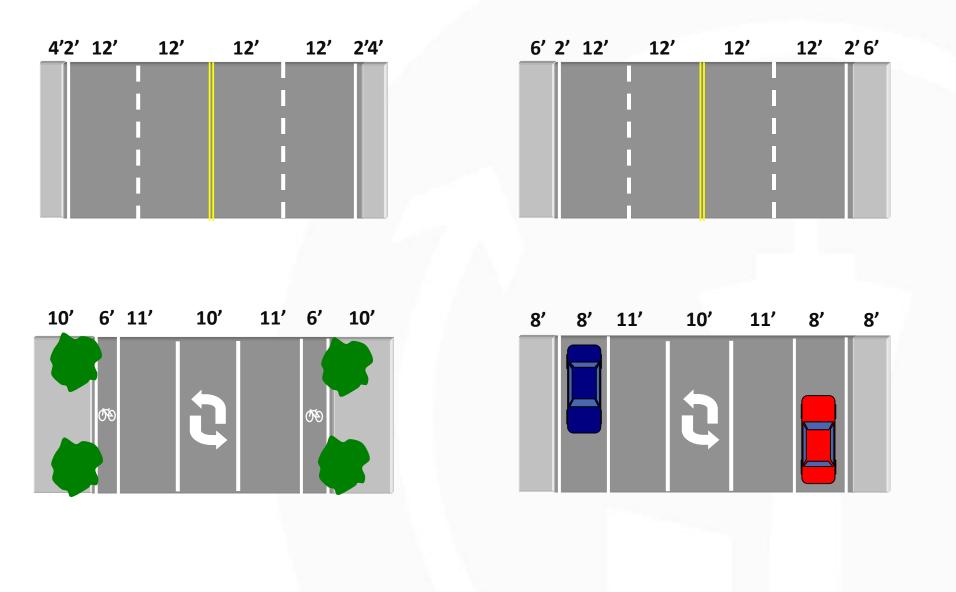
Source: FHWA



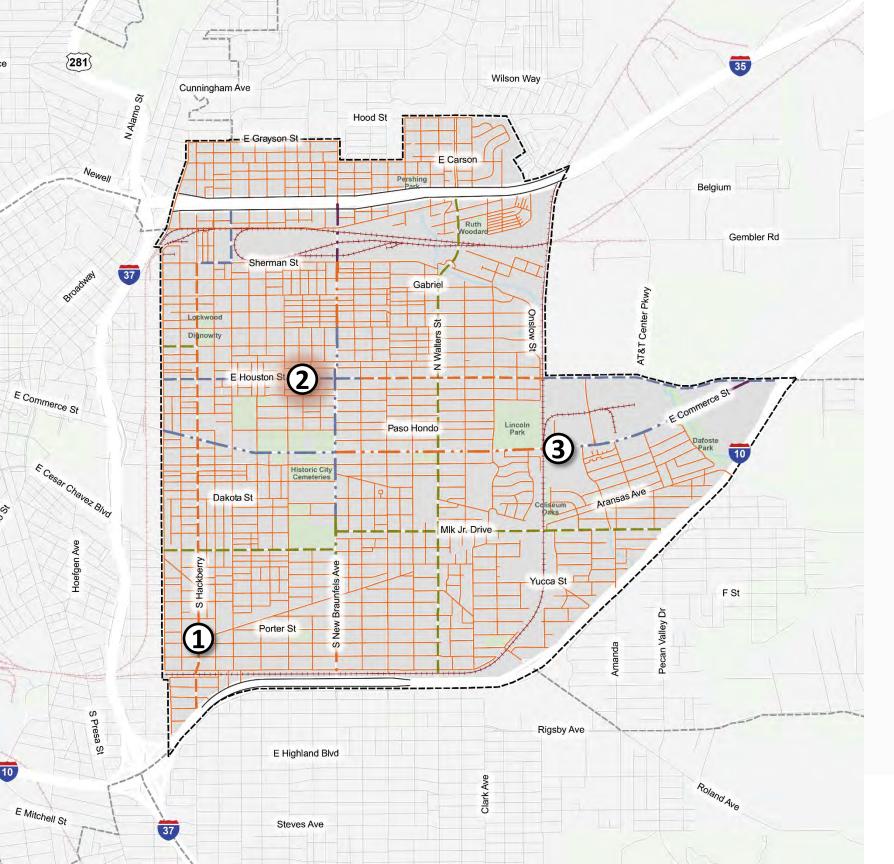
An Inexpensive Tool for Retrofitting Existing streets



# Four lane to three-lane conversion







# **Reality Check**

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Mixed Use Employment/Civic Secondary Arterial

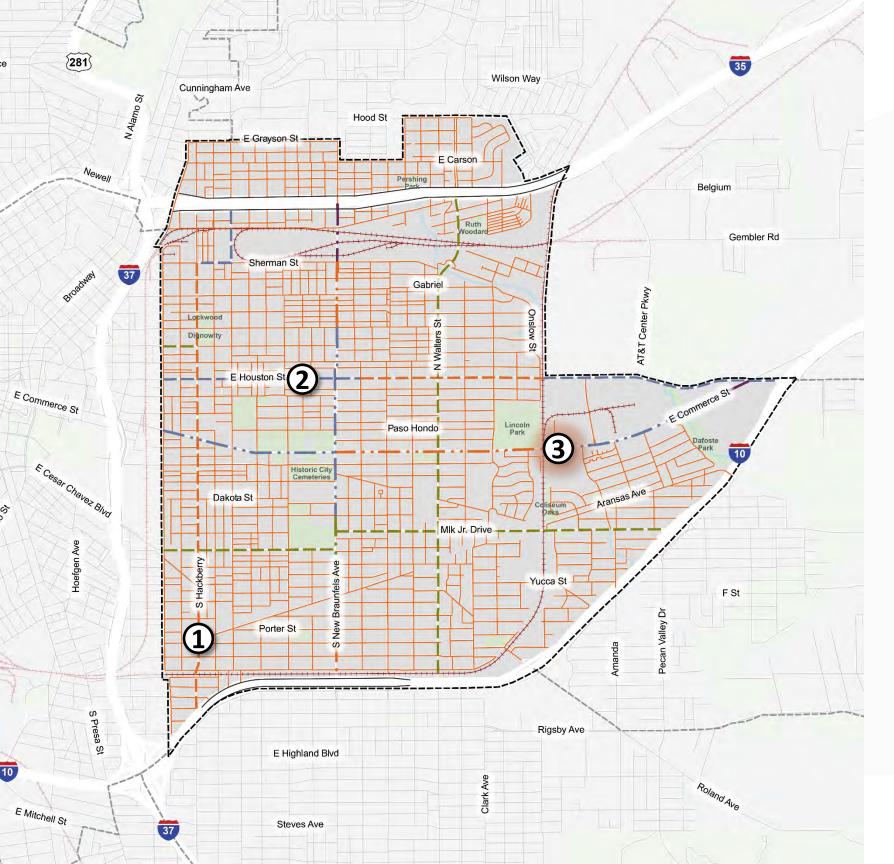




# Mixed Use Employment/Civic Secondary Arterial







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Mixed Use Employment Primary Arterial



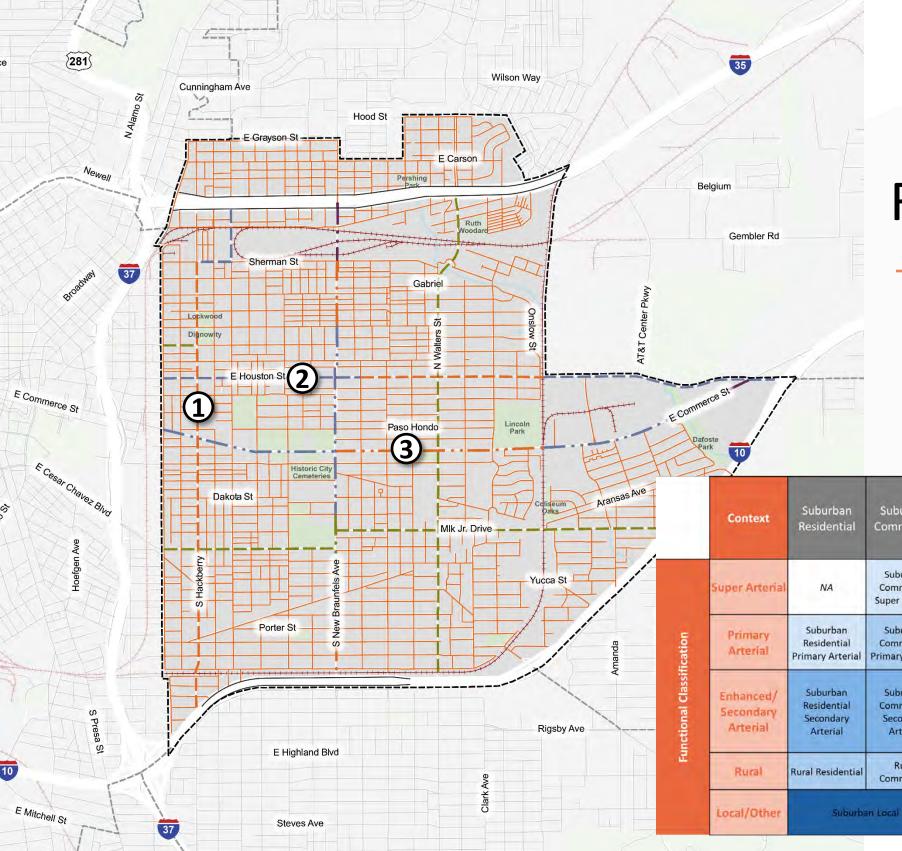
# **Mixed Use Employment Primary Arterial**



# Commerce St West of Spriggsdale Blvd

-



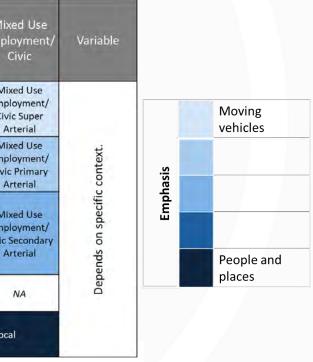


# **Reality Check**

- Think about how these roads look • and feel today
- Do you see them transforming into ulletthe proposed typology?

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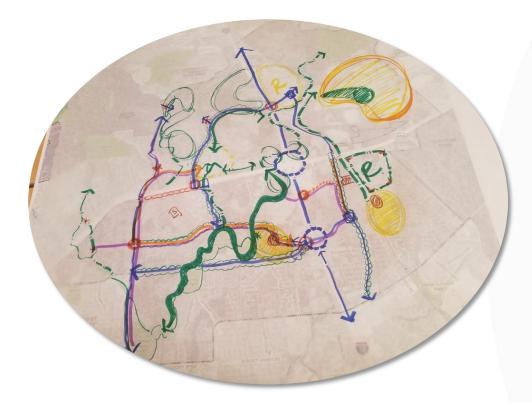




# **GROWTOMORROW** Origins, Destinations and Key Linkages



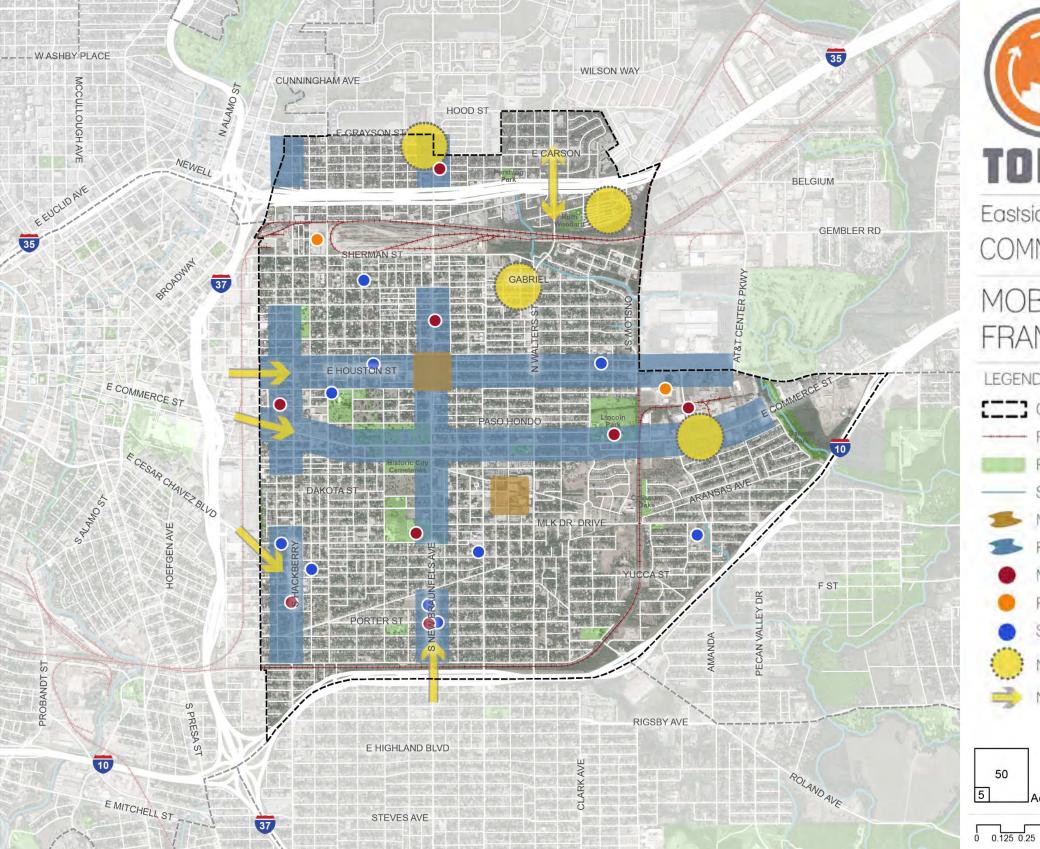
## Approach



- Where are people coming from?
- Where do they want to go?
- Pedestrians and transit
- Cycling and micromobility
- Autos and freight

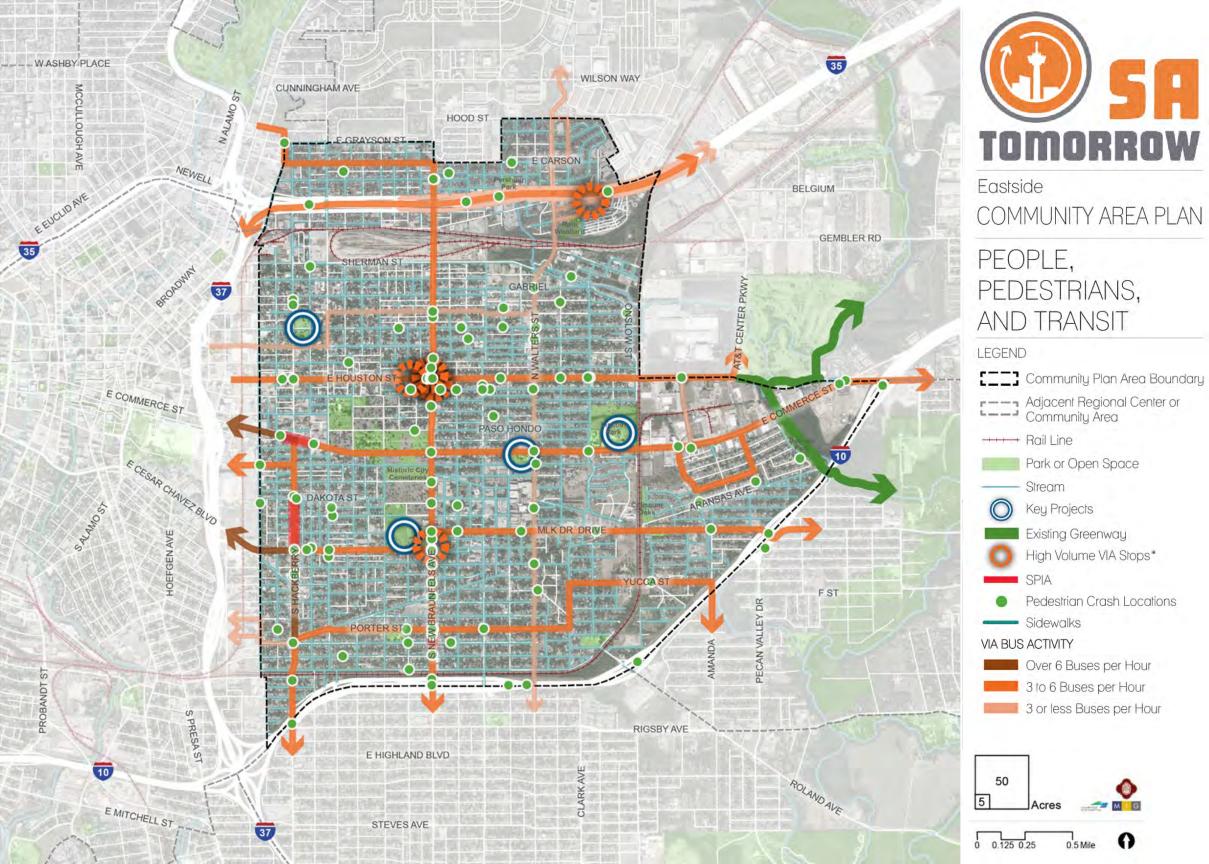




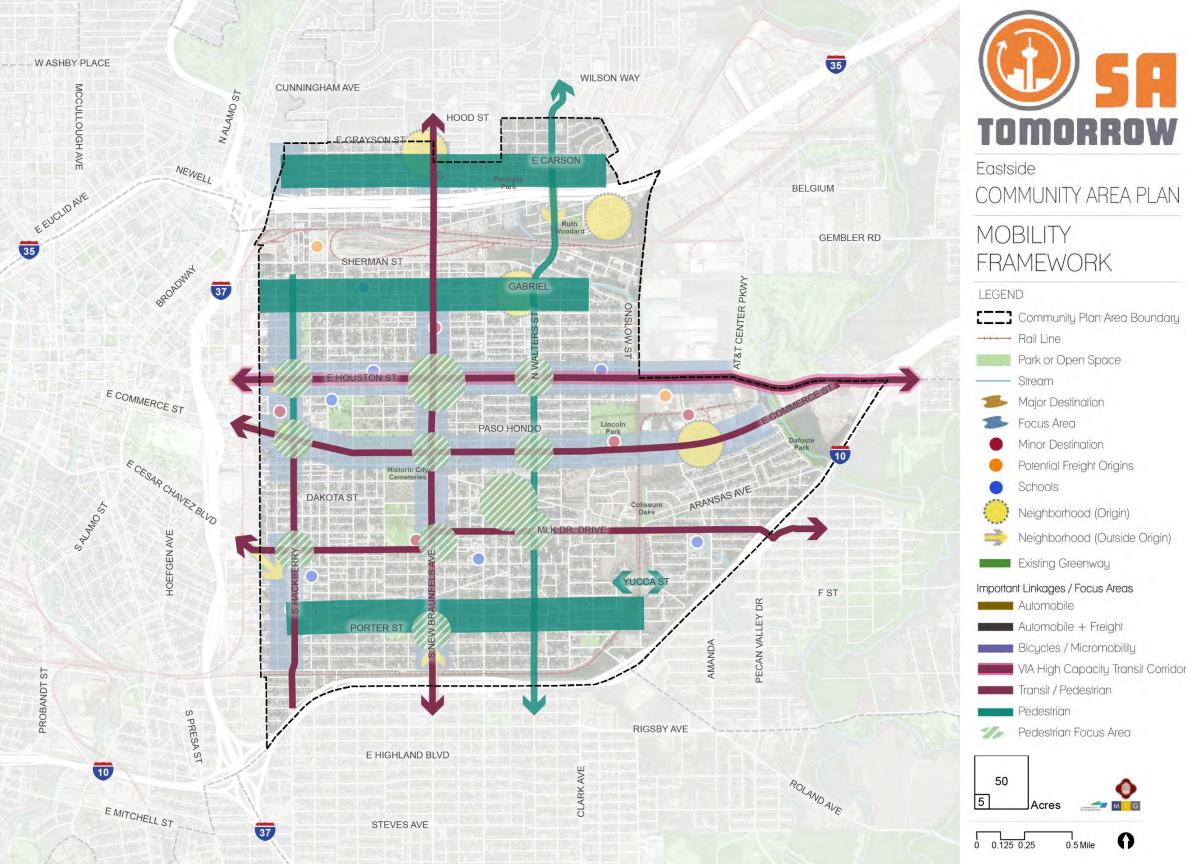


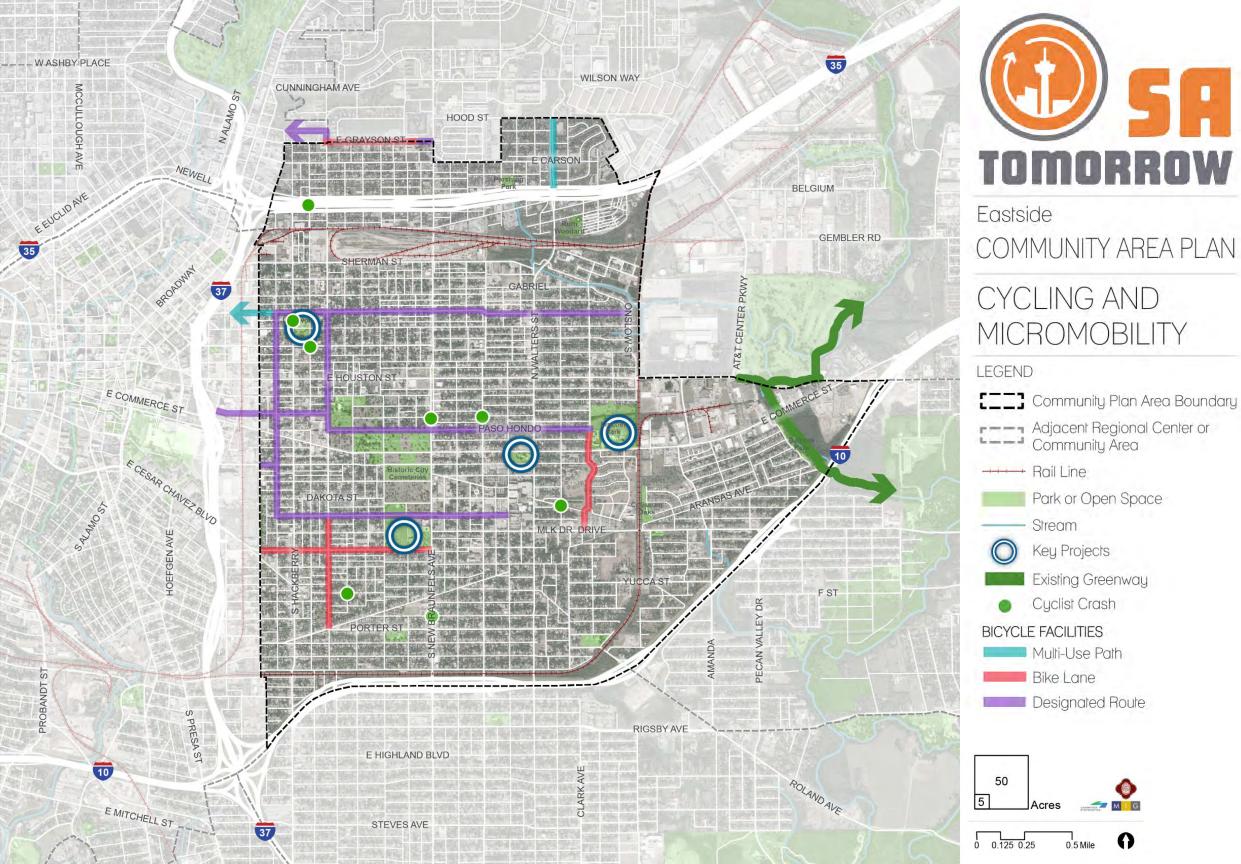


0 0.5 Mile

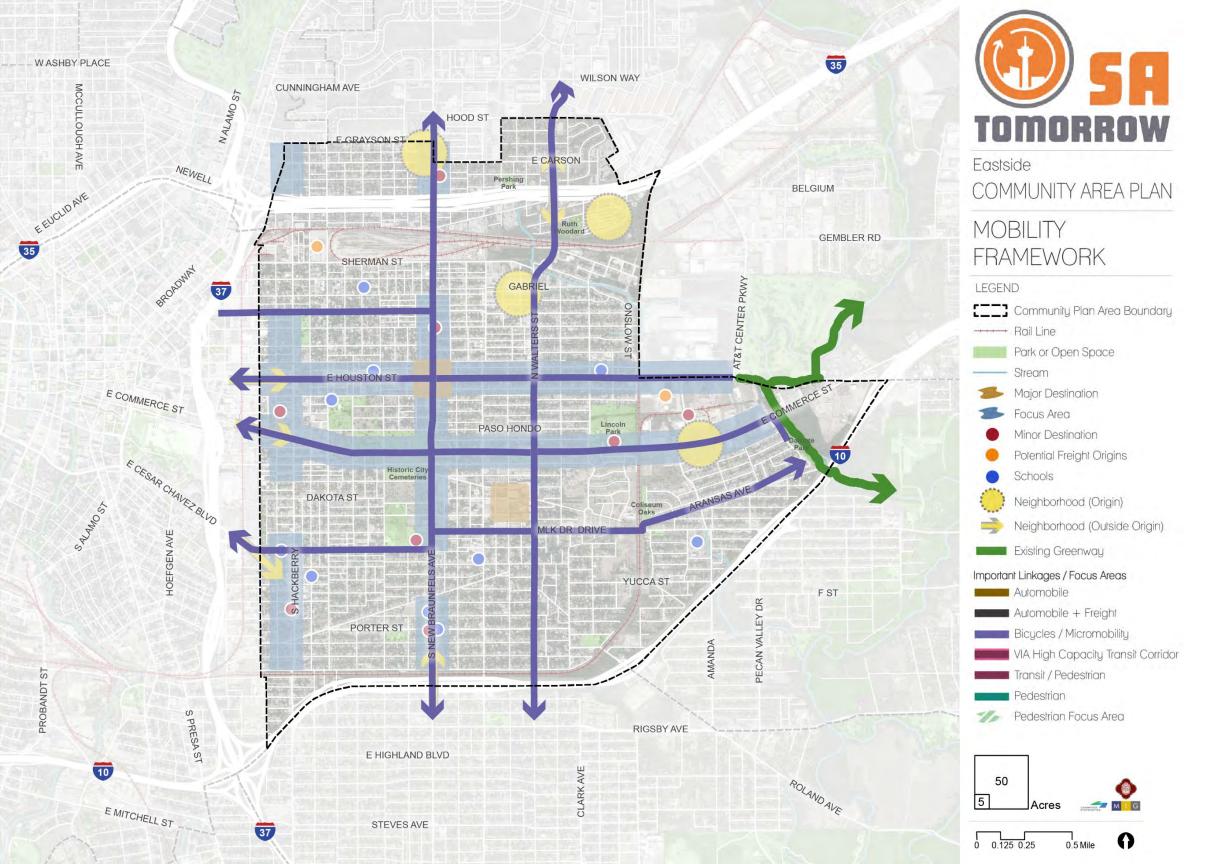


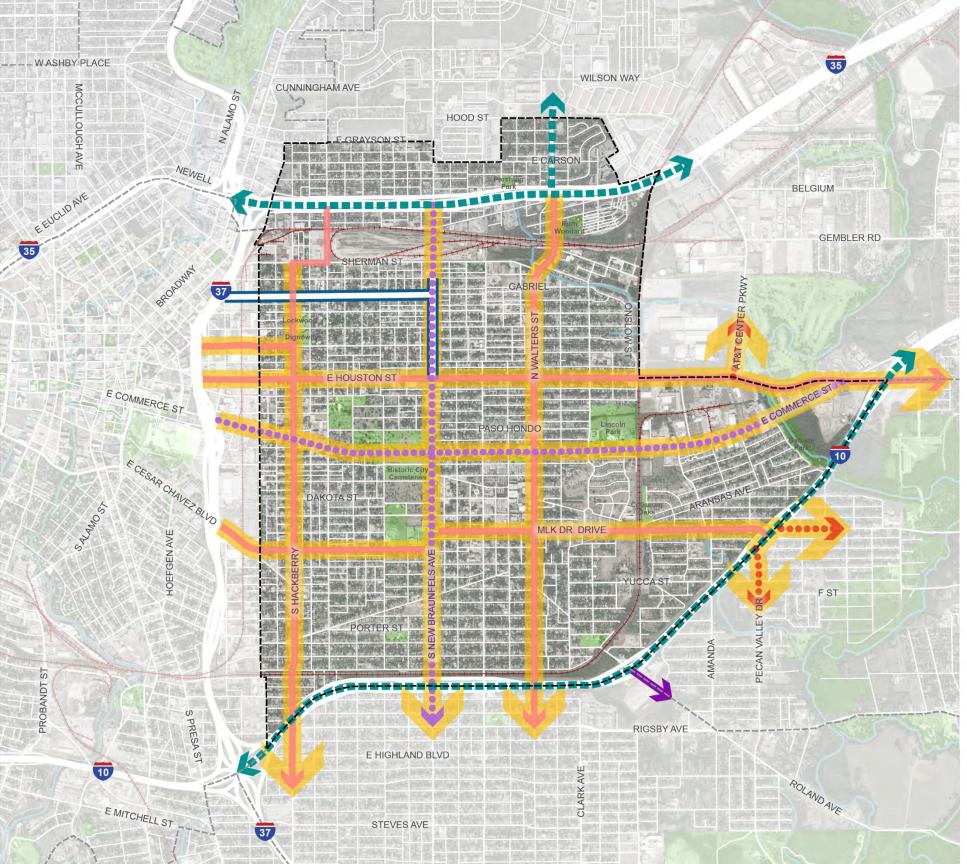




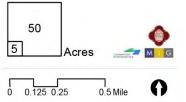


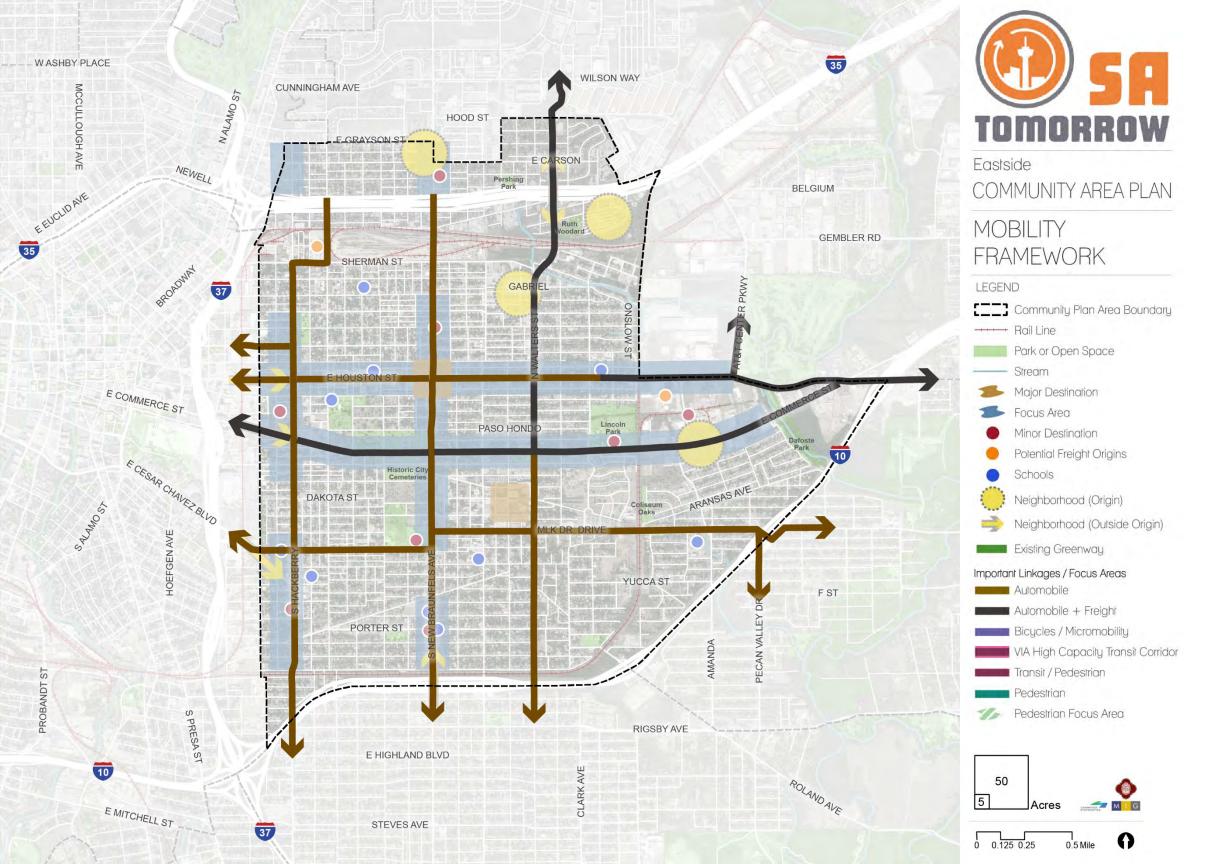














- Many streets are key linkages for multiple modes
- How do we address this?

AM AVE	WILSON WAY	<b>B</b>
HOOL	D ST F C. RSON Page GASINEE CASINEE	BELGIUM
CHOUSE ON ST	PASO HOND Lincon	S INF
PORTERST		F ST
E HIGHLAND BLVD	RIGSBYAVE	ROLMONE

# Destinations

# Linkages

# Priority Corridors





# Priority/Emphasis Corridors

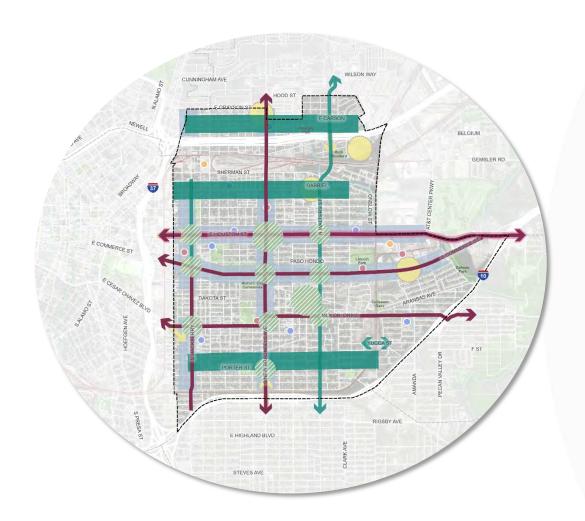
- Emphasis on specific mode  ${\color{black}\bullet}$
- **Design treatments** lacksquare
- Tradeoff decisions (limited ROW)
- Does <u>not</u> exclude other users







## Discussion



- Did we miss any important origins and/or destinations? Key linkages?
- Which modes should take **priority** on which streets?
- What are the major gaps and barriers to each linkage?



# **SECONTOMORROW** Project Process and Schedule

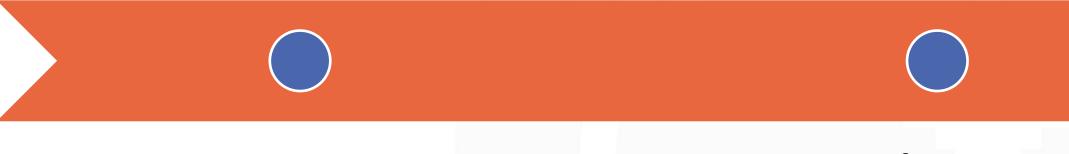




### Meeting #9:

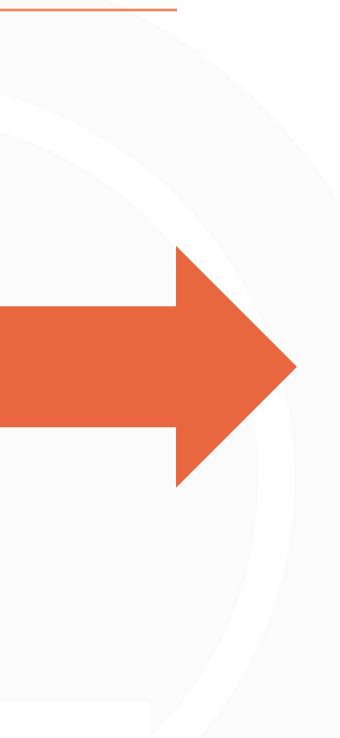
Amenities and Open Space

• January, 2020



Meeting #10: Mobility • February, 2020







**Eastside Community Area** Planning Team Meeting No. 8

Wednesday, December 11, 2019 St. Philip's College Campus Center Building Heritage Room 6 to 8 PM M

Cambridge Systematics, Inc. Economic & Planning Systems, Inc. Mosaic Planning and Development Services Ximenes & Associates