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



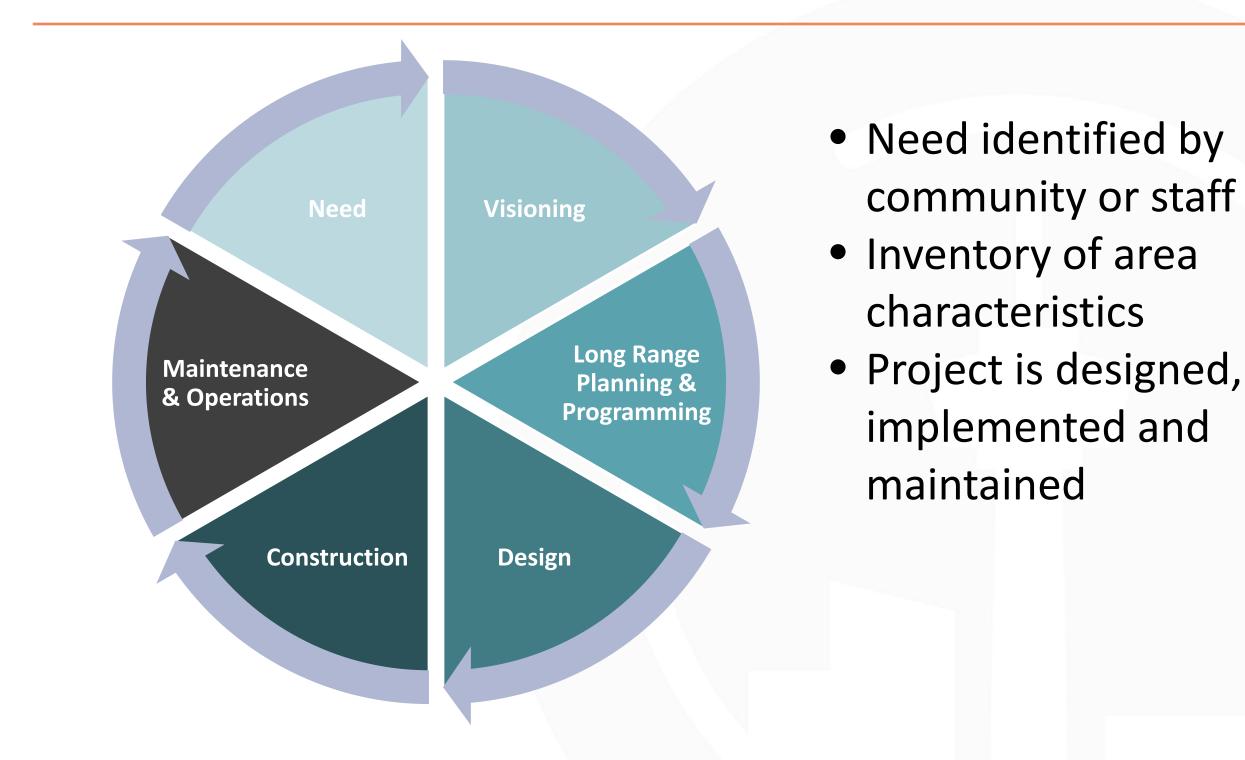
Mobility choices



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



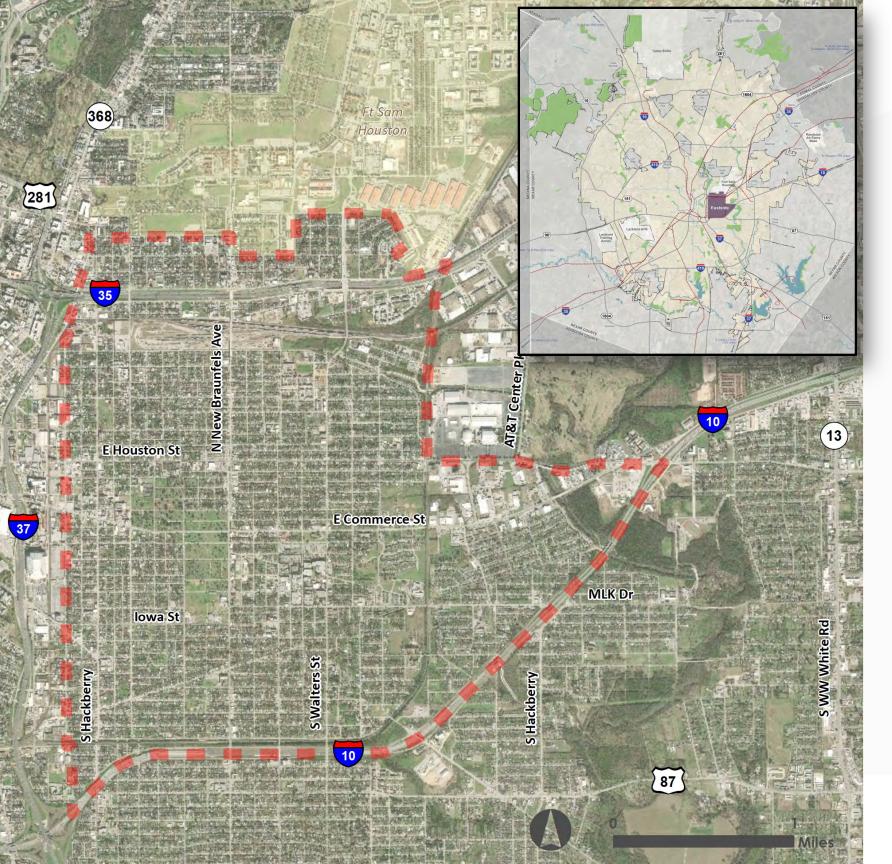
Mobility Project Process in San Antonio





SECTOMORROW Existing Conditions

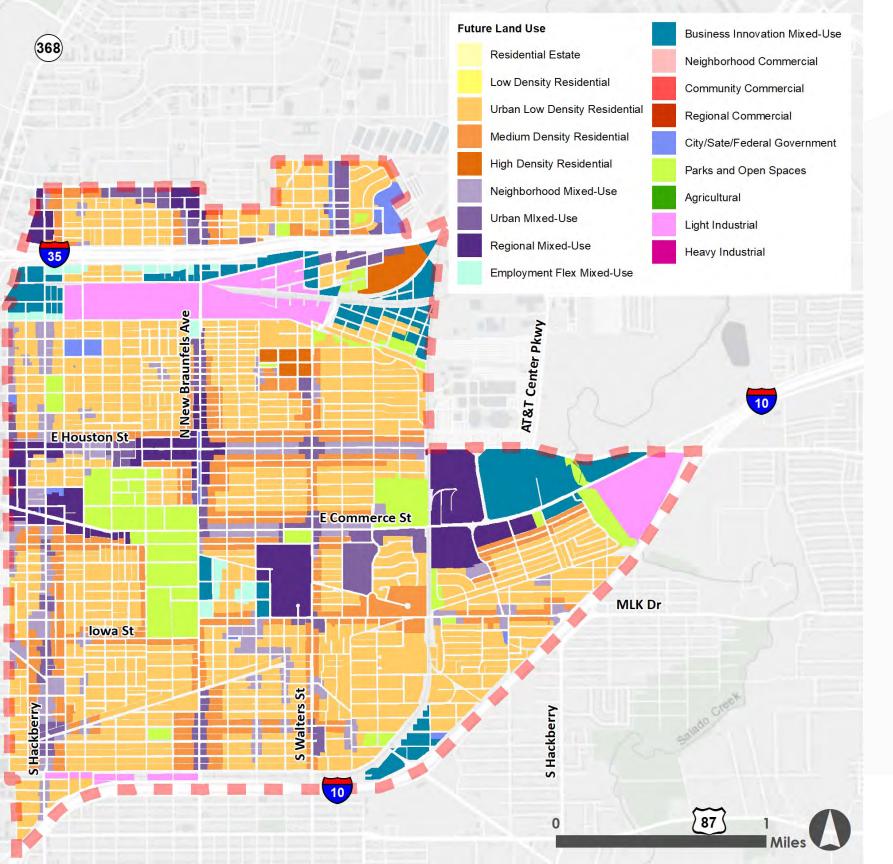




Overview

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

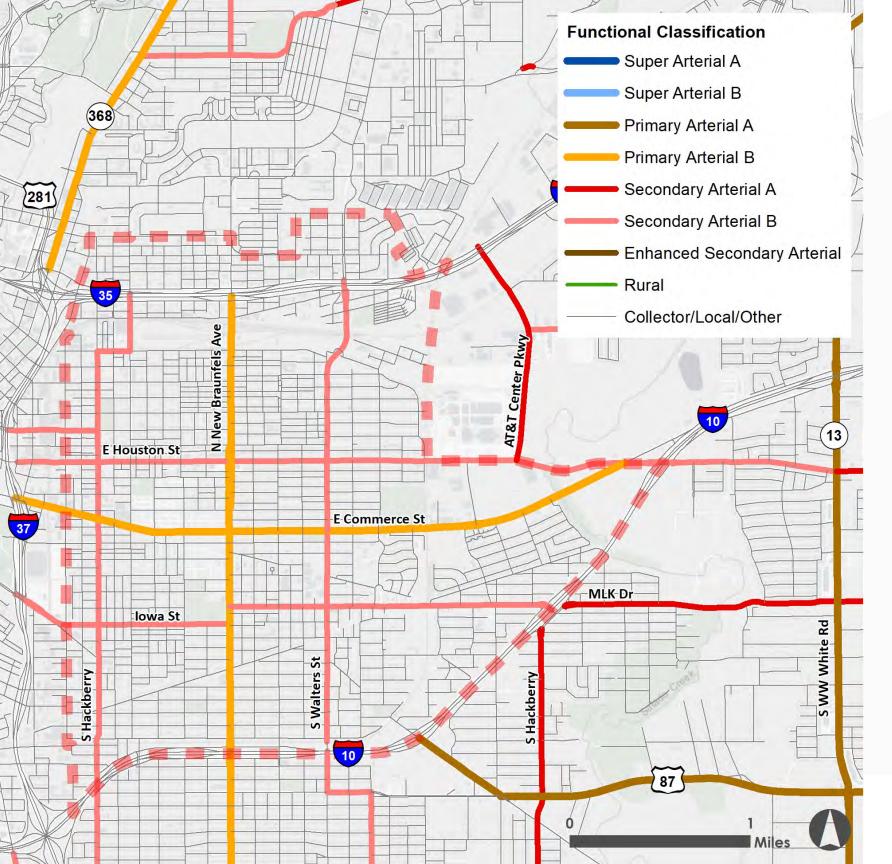




Future Land Use

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

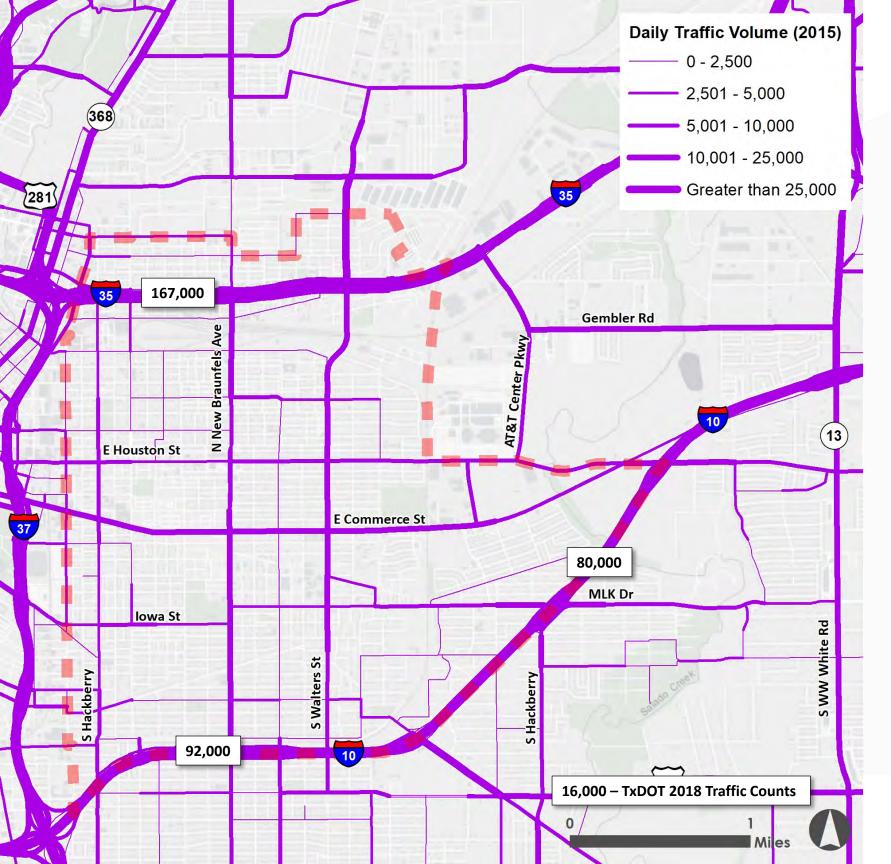




Functional Class

- 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

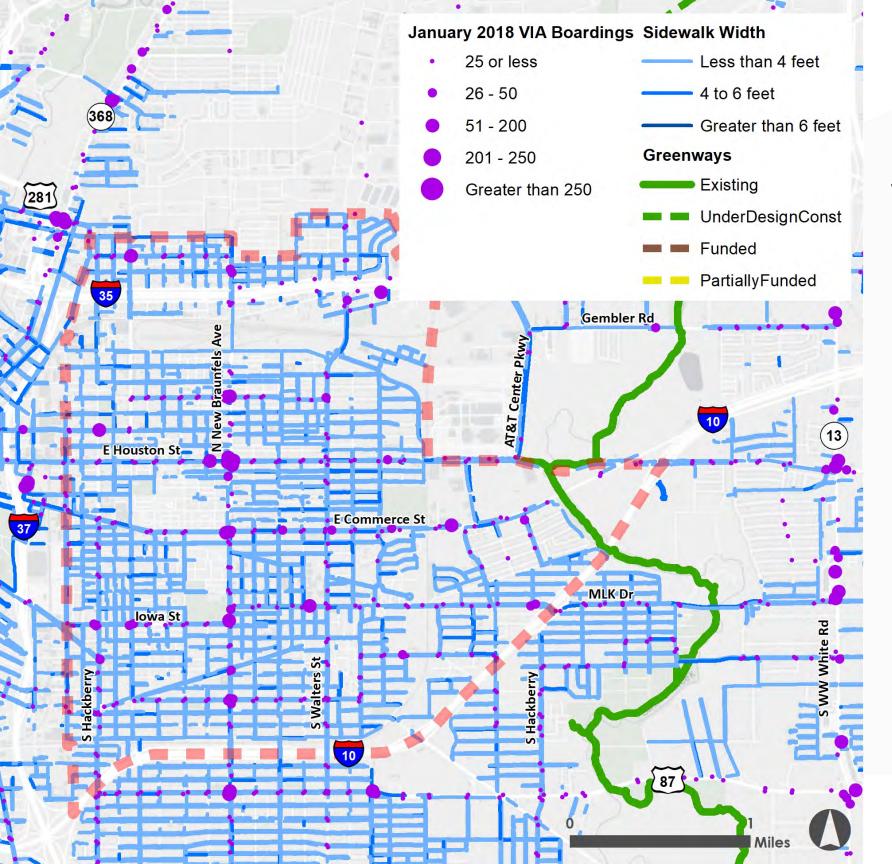




Daily Traffic Volumes

- 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



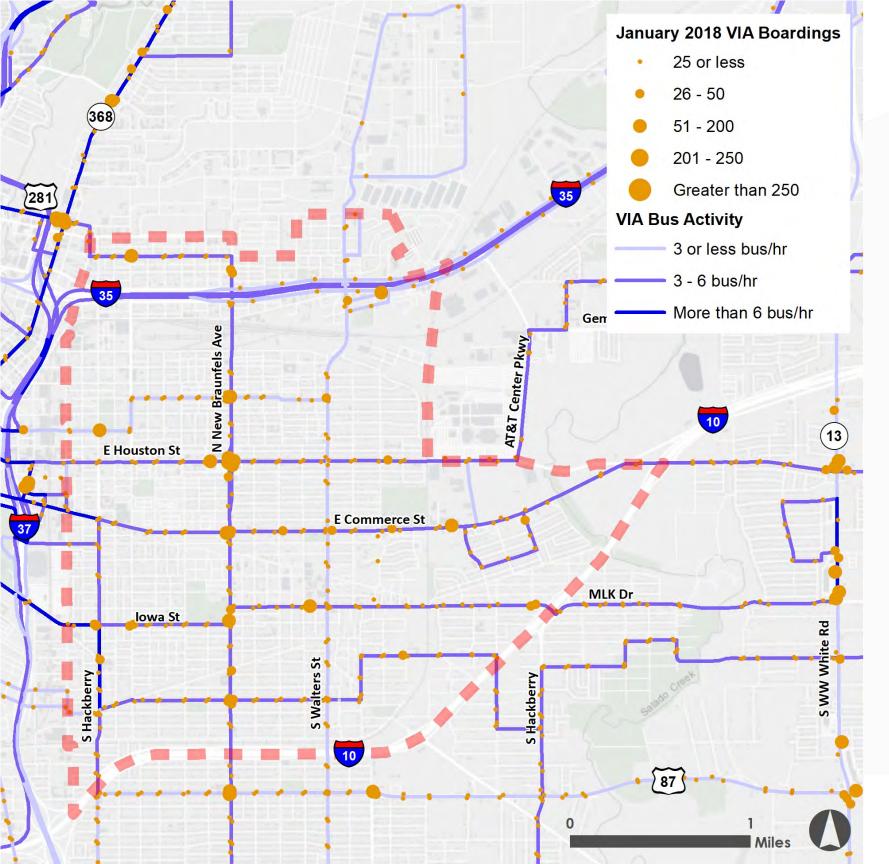


Walking and Transit

- Good sidewalk coverage
- Inadequate width, lack of buffer



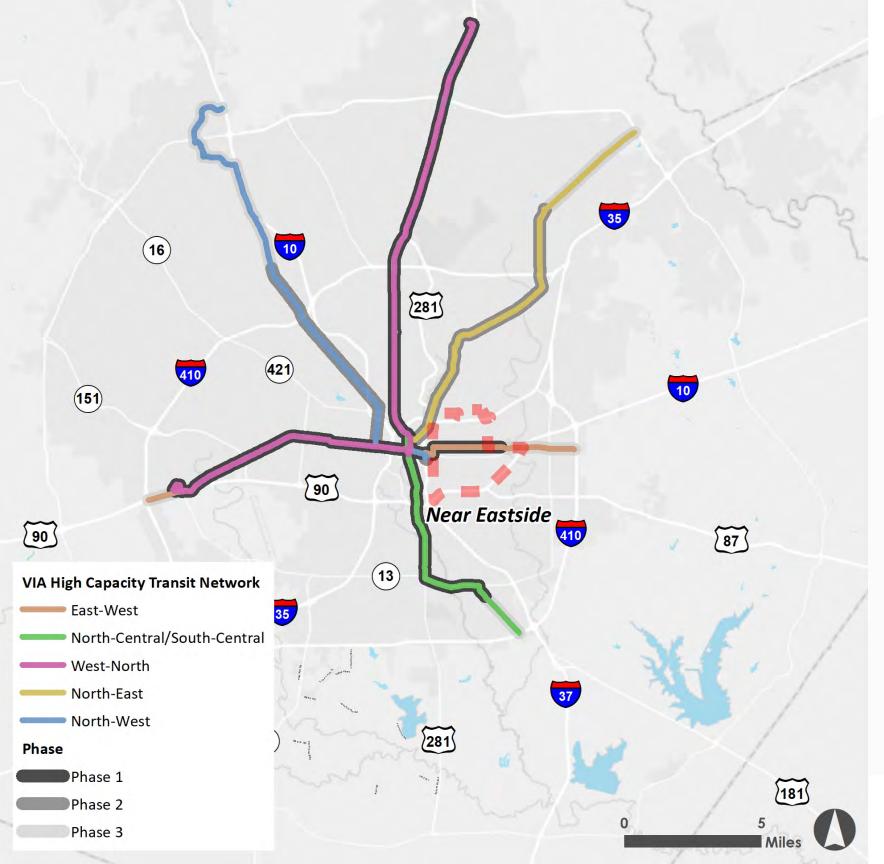




Walking and Transit

- 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

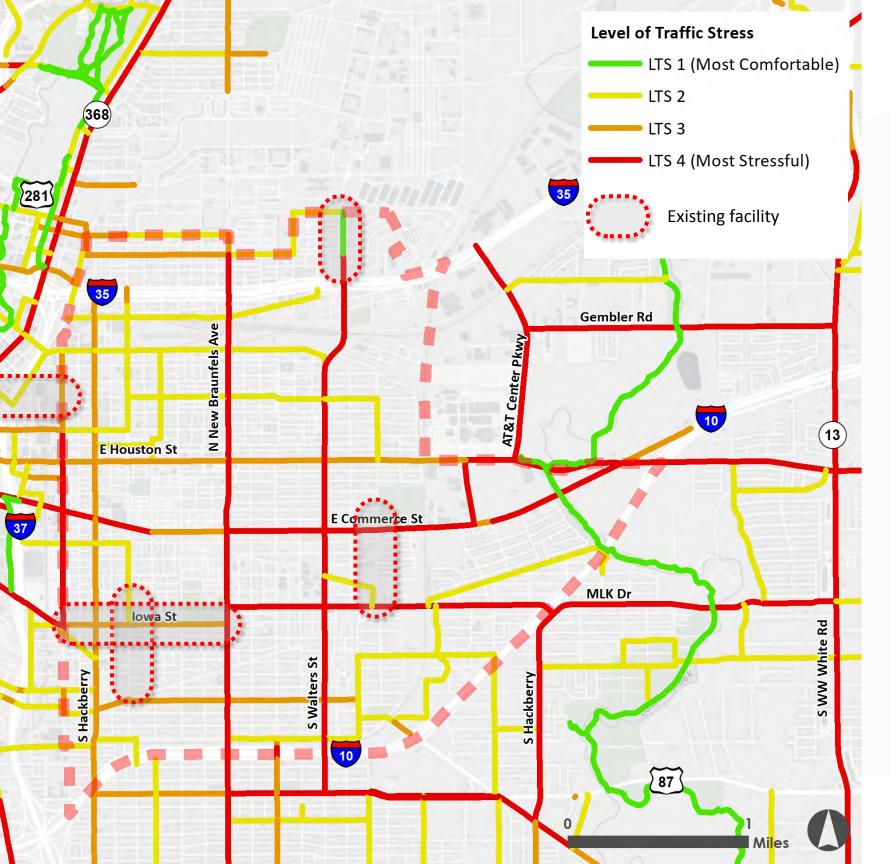




High Capacity Transit

- 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

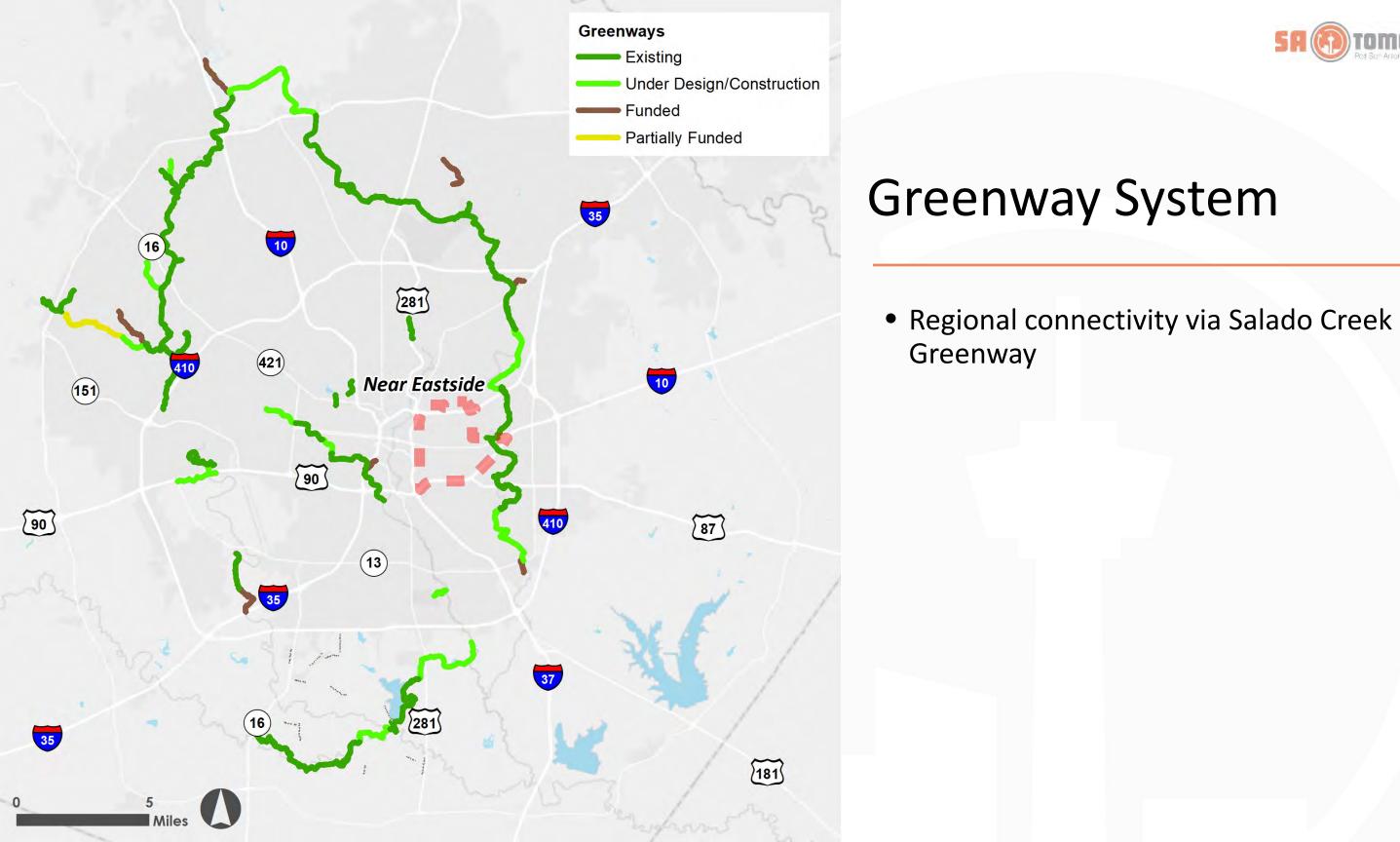
LTS 3 bicycle riders can tolera ome stress even though they ma refer to ride with a lower level o fic stress.



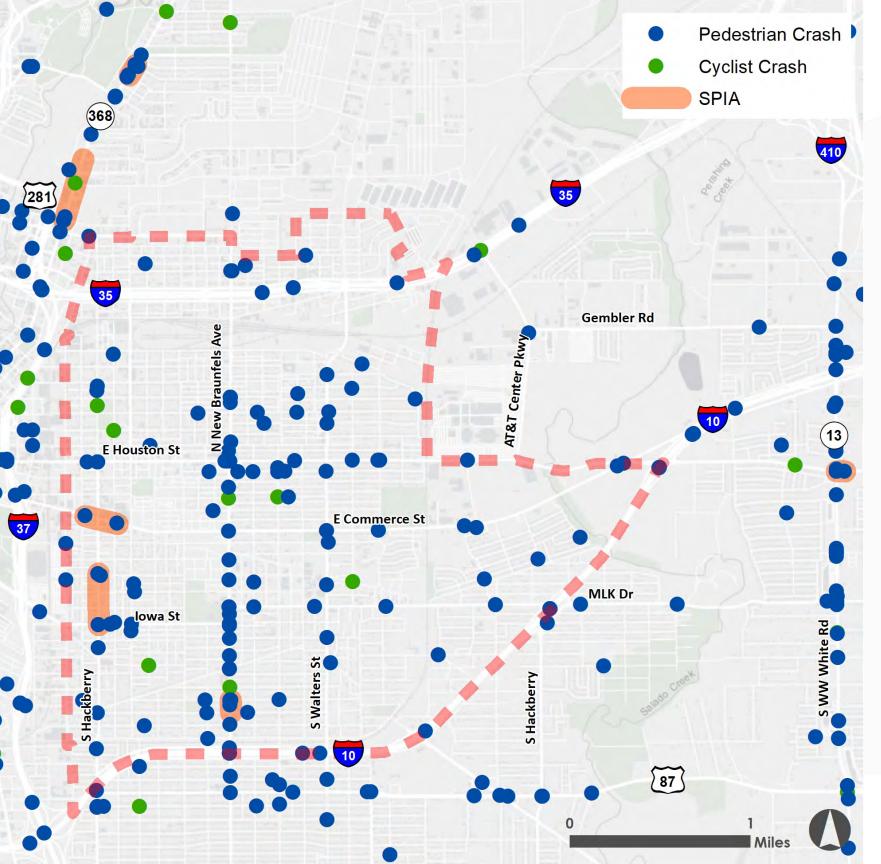
STRONG **EARLESS**

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





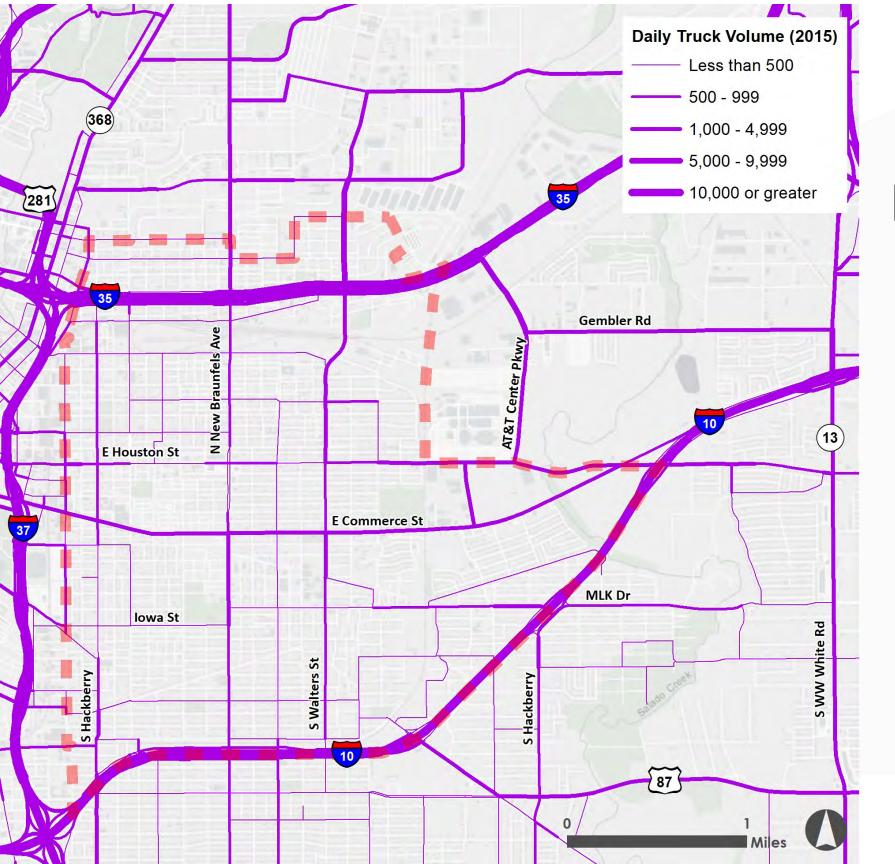




Bicycle and Pedestrian Crash History

- 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



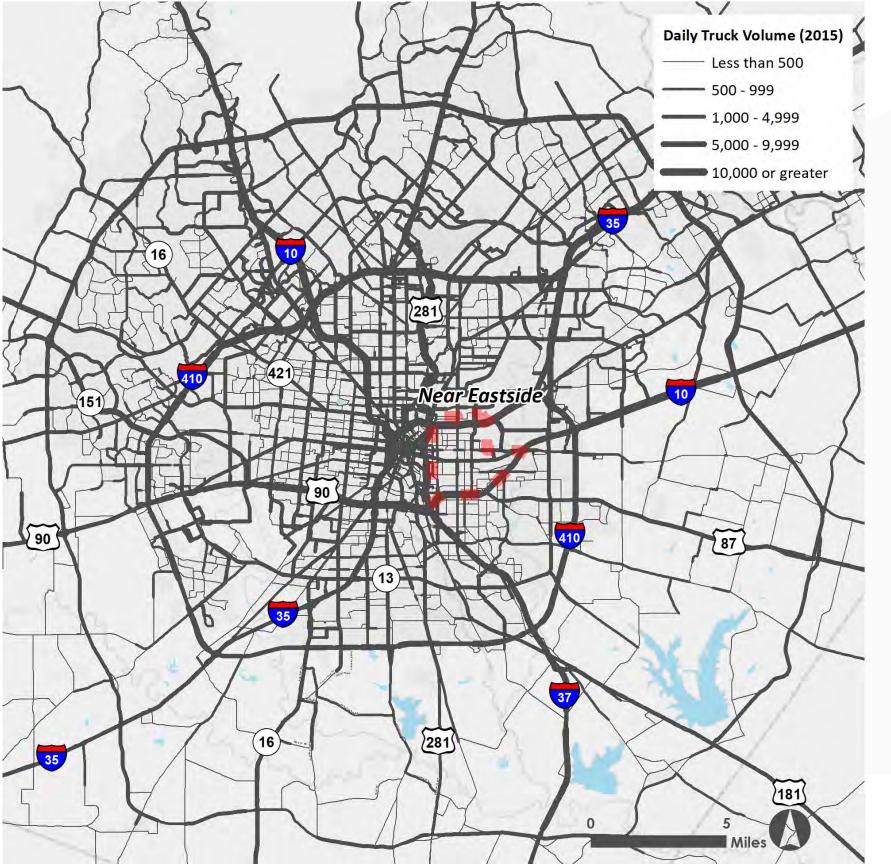


Freight

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



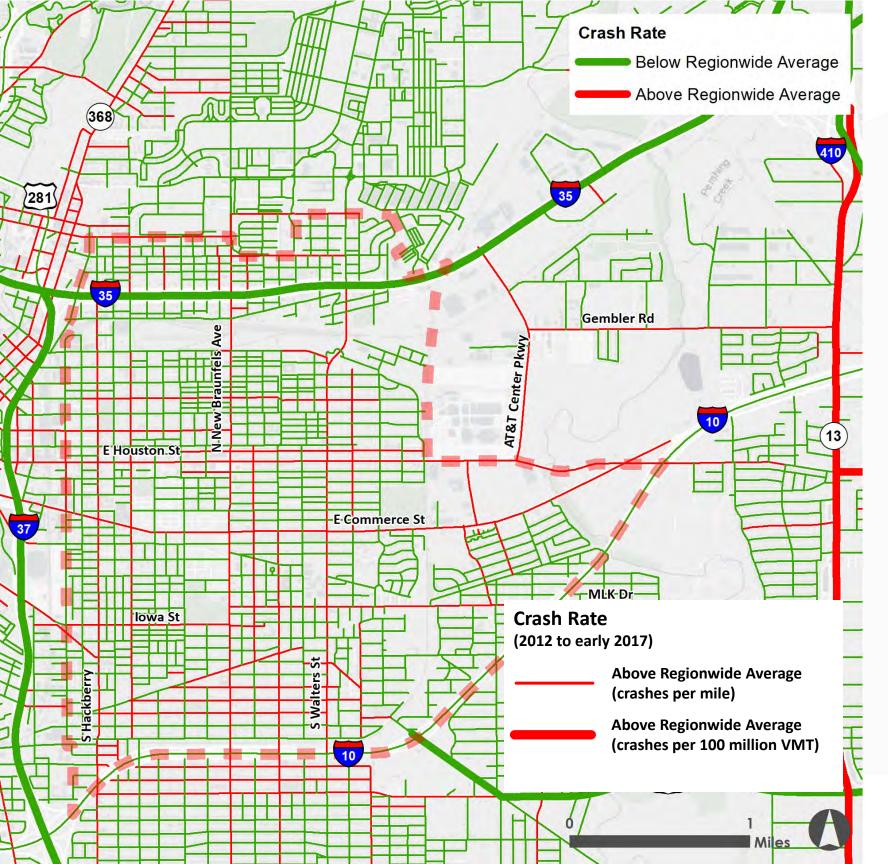
on interstates ommerce, New



Regional Freight Context

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





Motor Vehicle Crash History

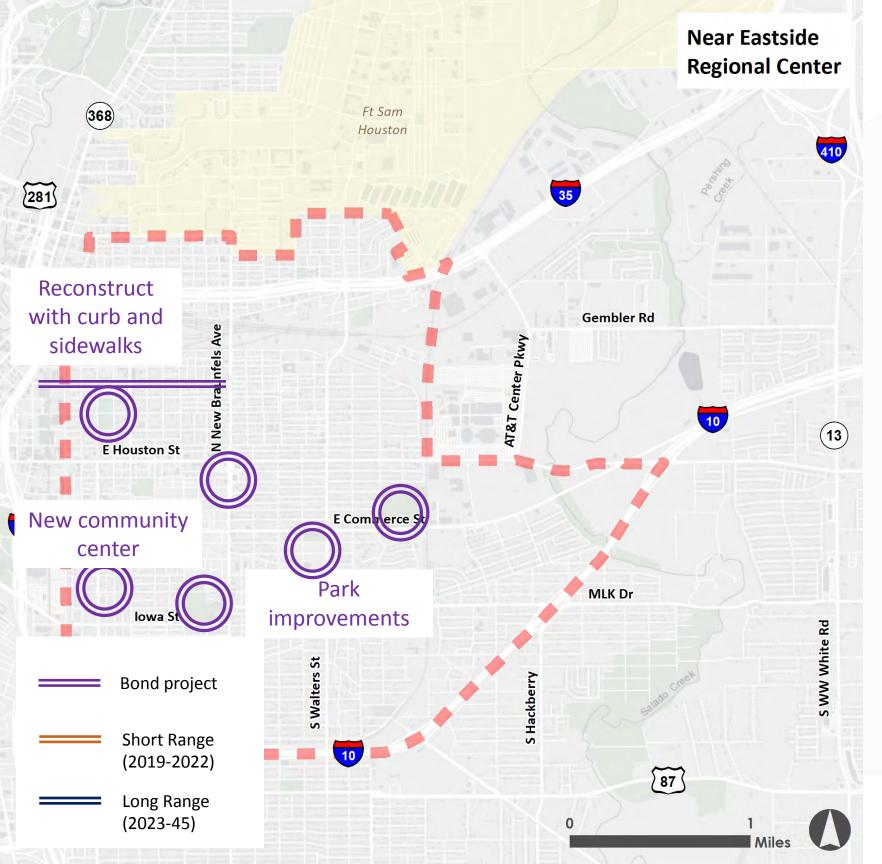
• Most arterials have higher than average crash experience





Planned Roadway Projects

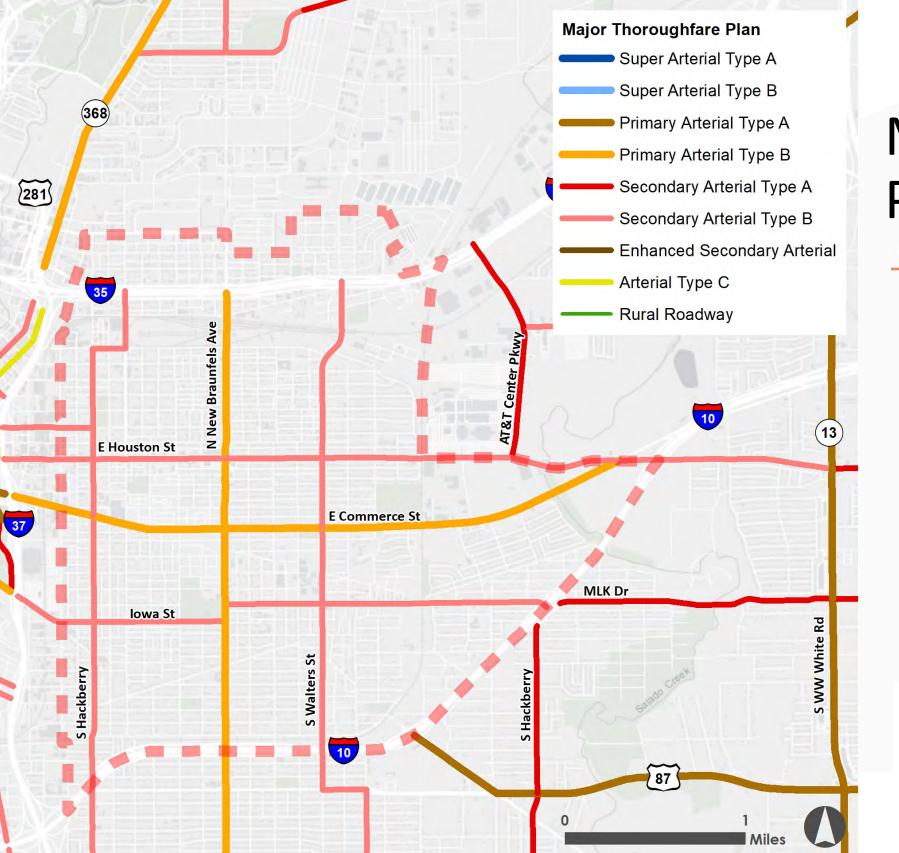




Planned Bicycle/Pedestrian/Transit/ Park Projects

- New sidewalks
- Park improvements

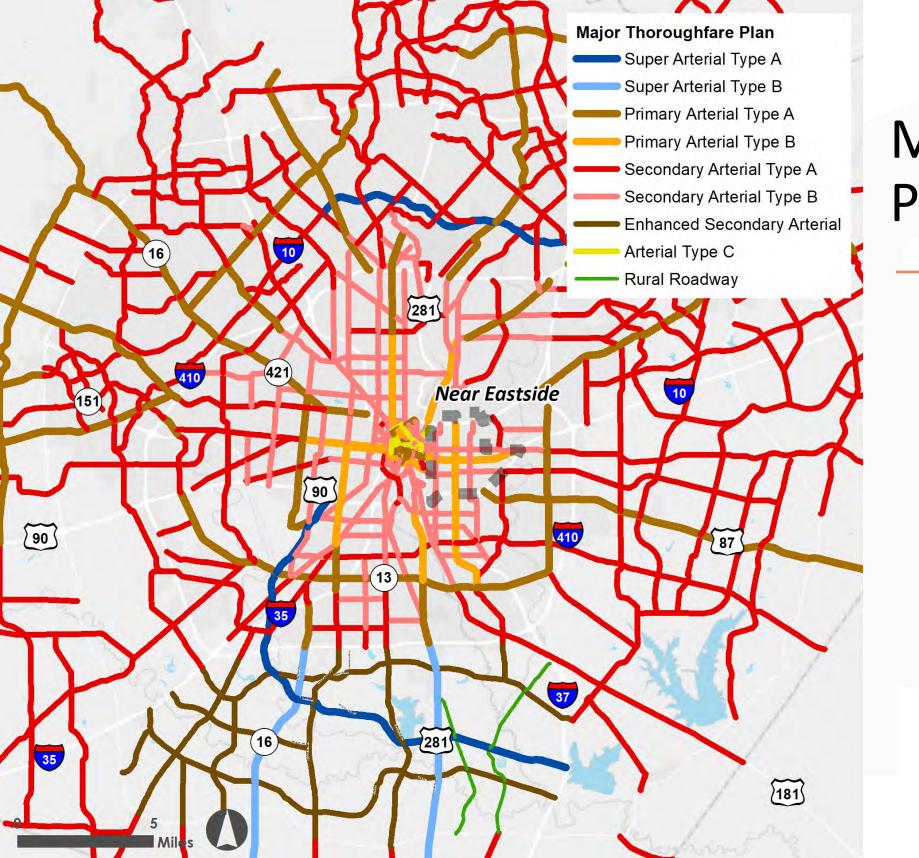




Major Thoroughfare Plan

• Not a fundamental difference from existing network

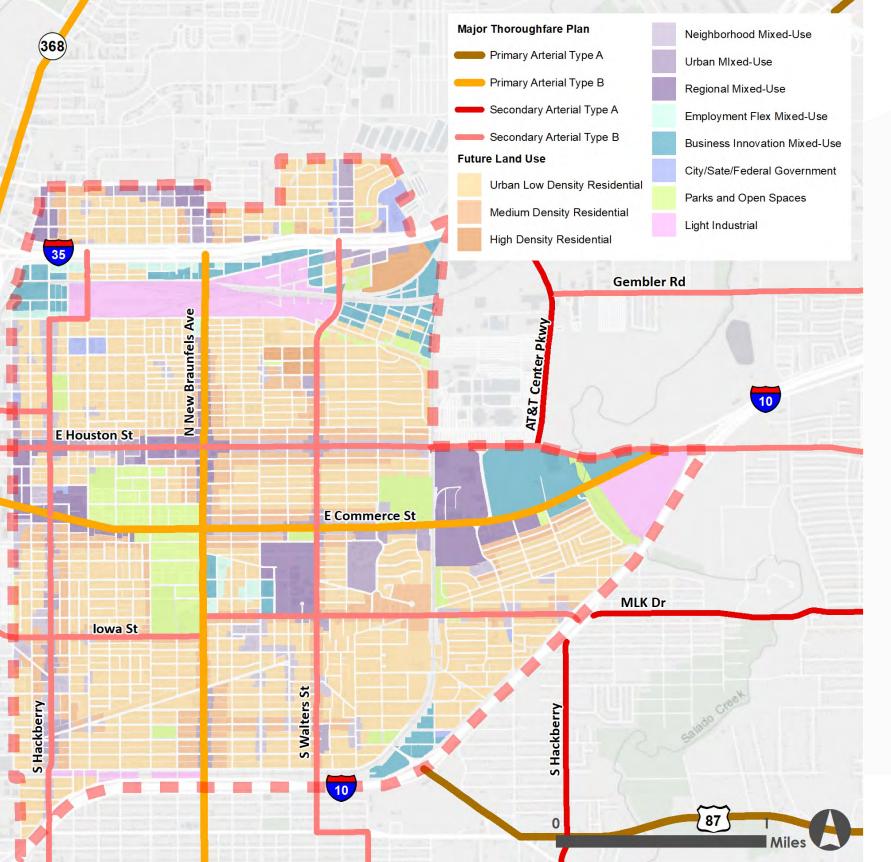




Major Thoroughfare Plan: Regional Context







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

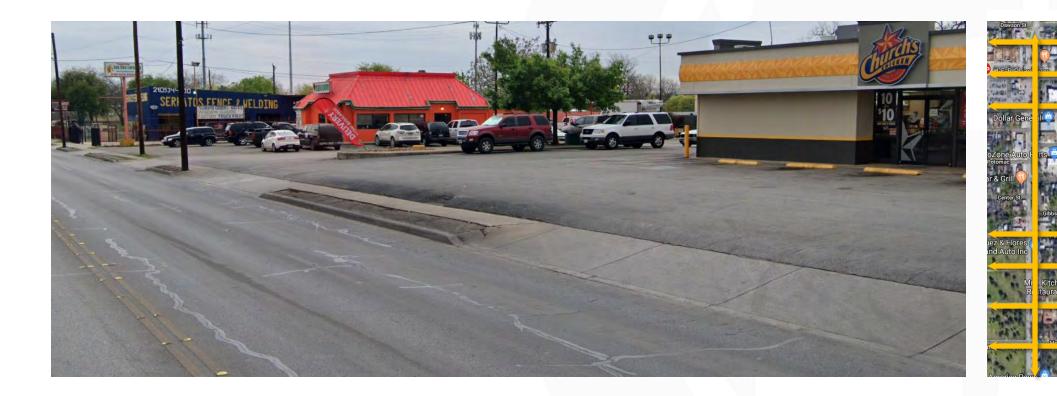
- Majority say walking and cycling is "Difficult" or "Very Difficult"
- Majority say taking transit is "Easy" or "Very Easy"
- Even split on Driving
- Sidewalk gaps or poor condition
- Lack of bike lanes



Issues and Opportunities

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

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





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SFIED TOMORROW Proposed Street Typology

















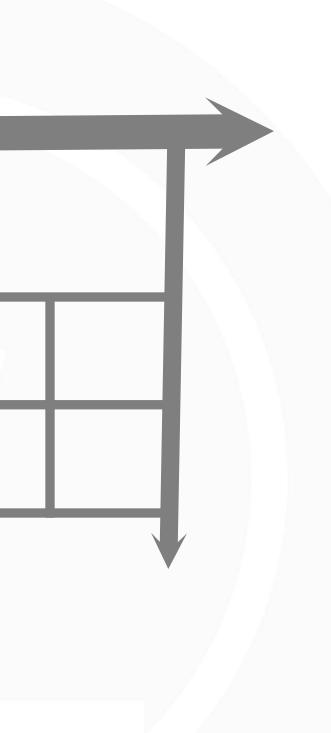
What do you want your streets to say about you?

Traditional Approach to Streets

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

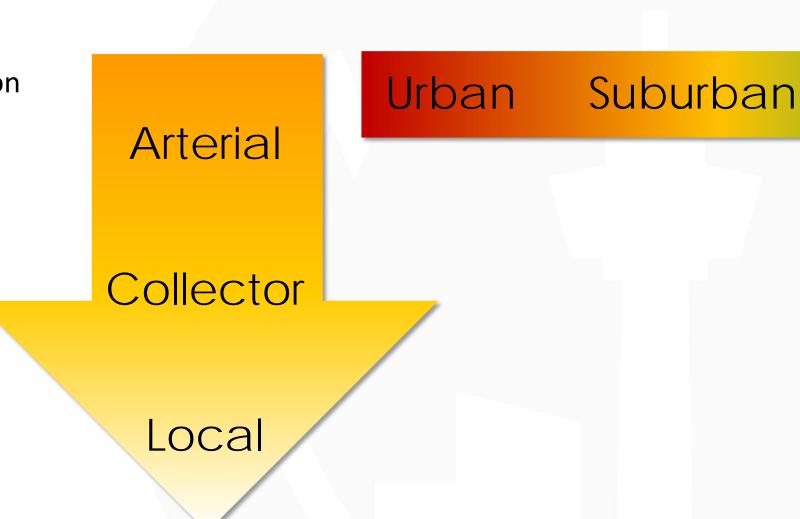
А	rteria	
Collector	Local	





"Hybrid" approach

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

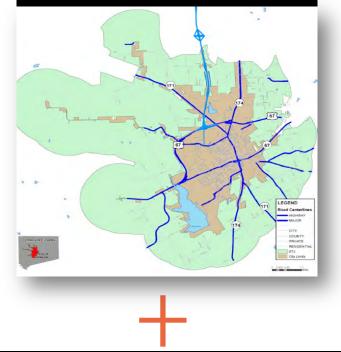






Example: Cleburne, Texas

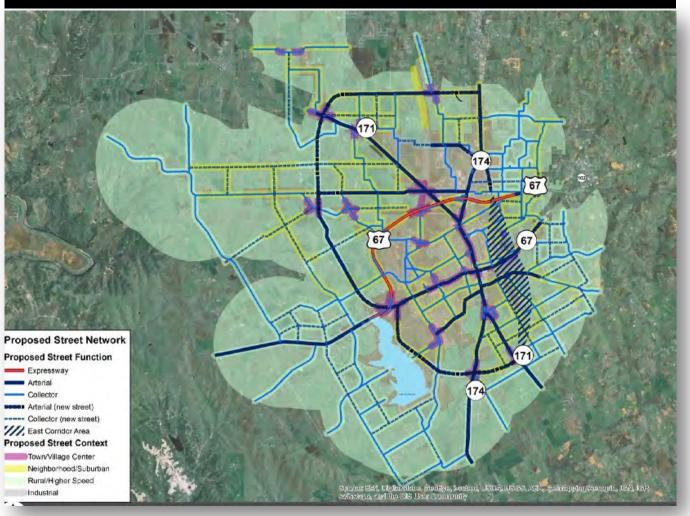
STREET FUNCTION



LAND USE/CHARACTER



CONTEXT-SENSITIVE STREET TYPES





Relationship Between Streets and Character Areas

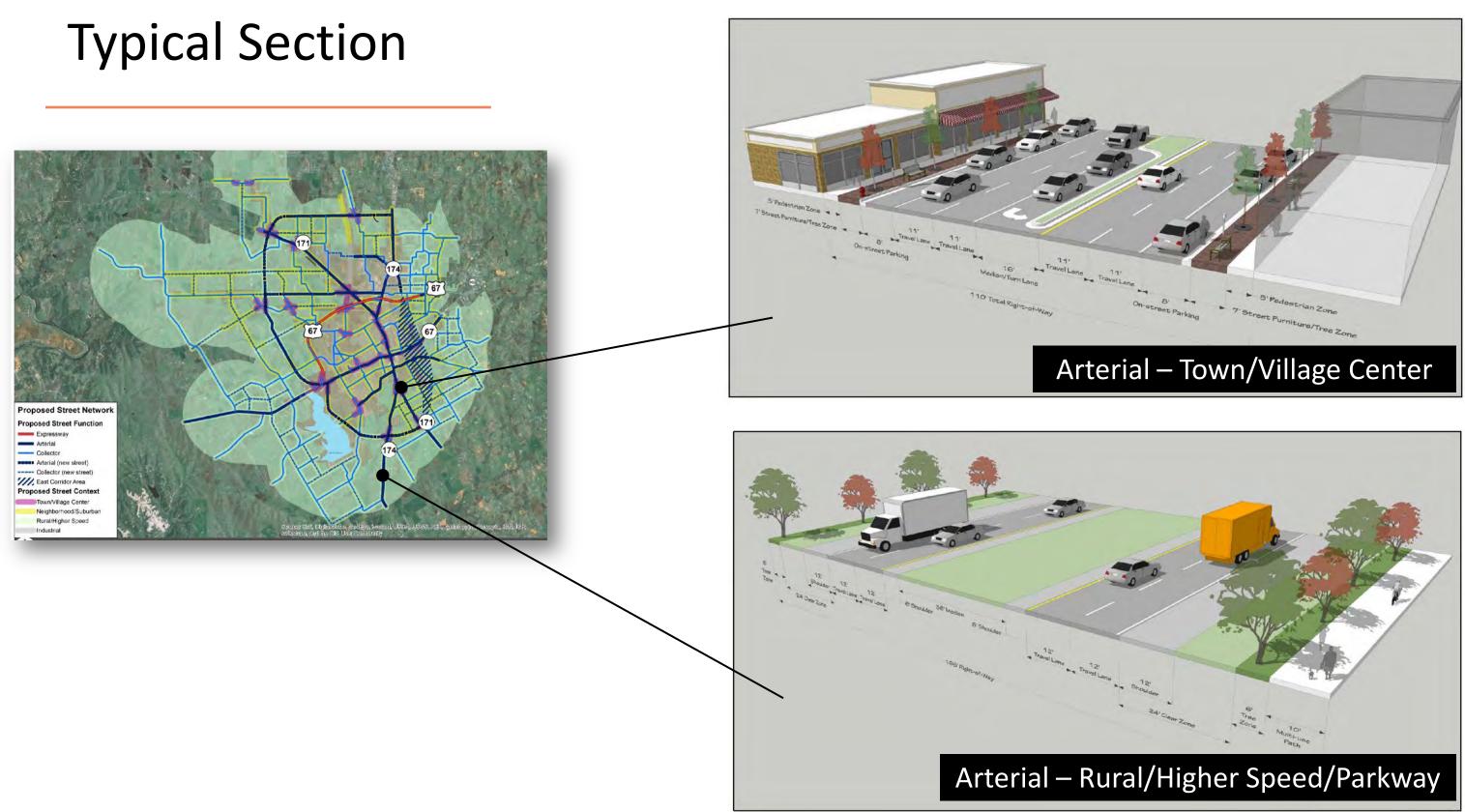
	Character Area						
Function	Rural/ Higher Speed	Neighbor- hood/ Suburban	Town/ Village Center	Industrial			
Freeways and Expressways Arterial							
Collector Local							

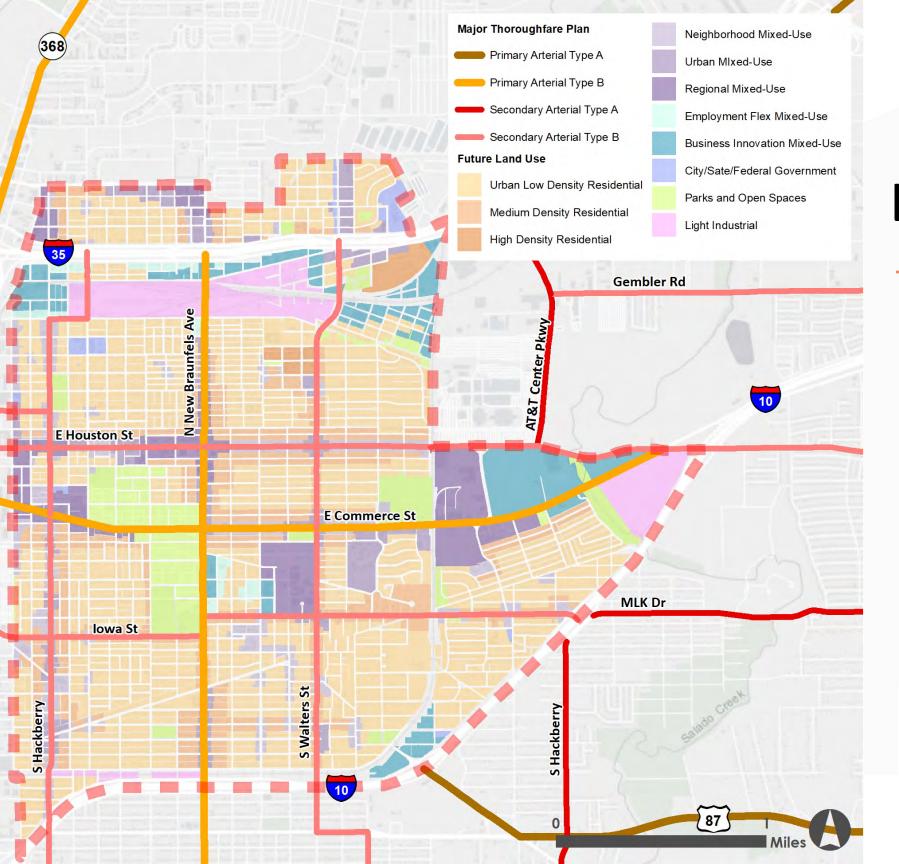


Moving vehicles

Emphasis

People and places



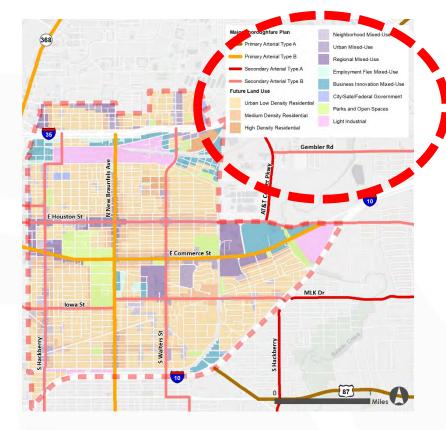


Land Use Link

- 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

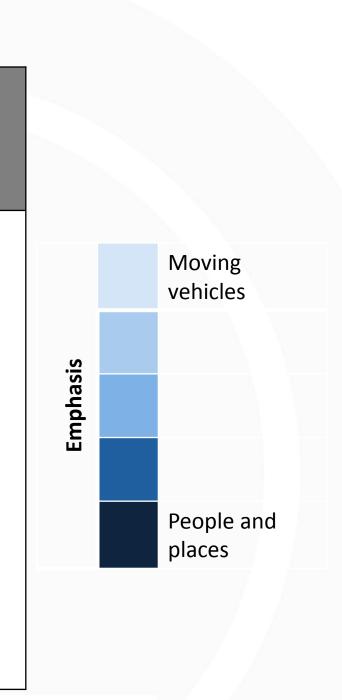
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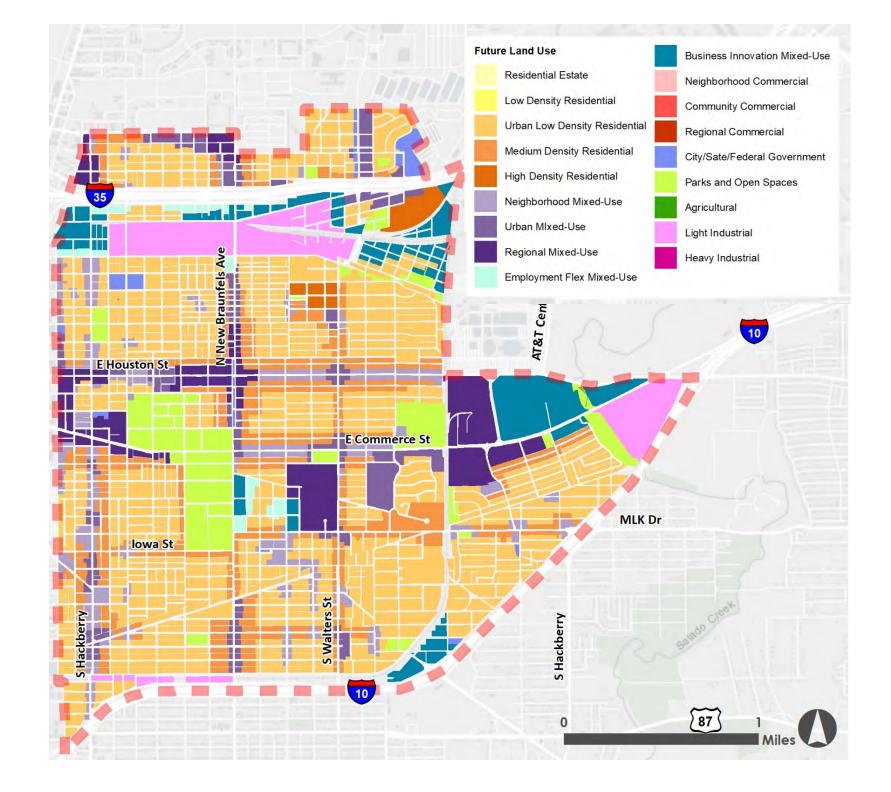


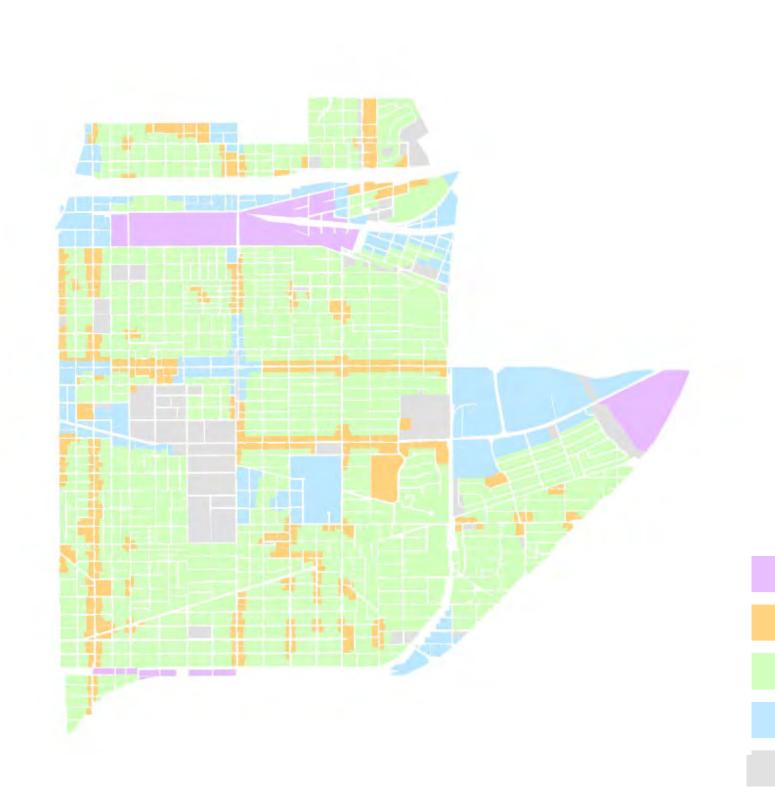
Emphasis: Cars vs. People and Places

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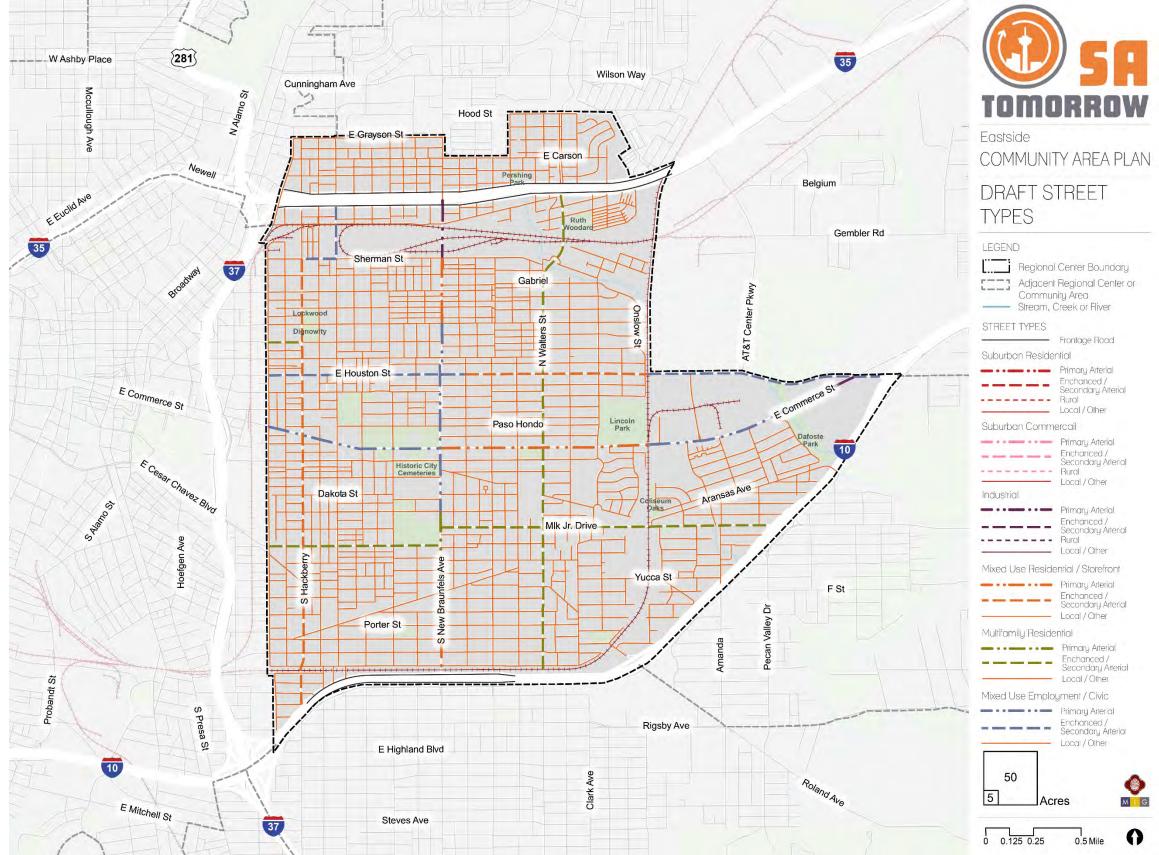


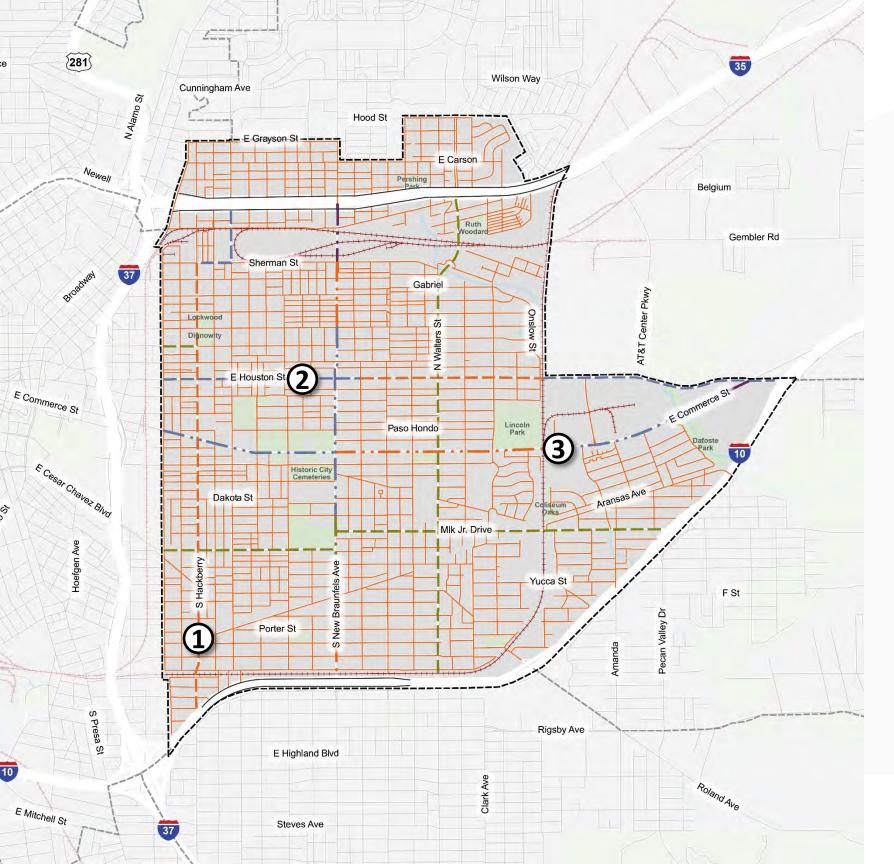






Industrial Mixed Use Residential Multi-family Residential Mixed Use Employment Variable

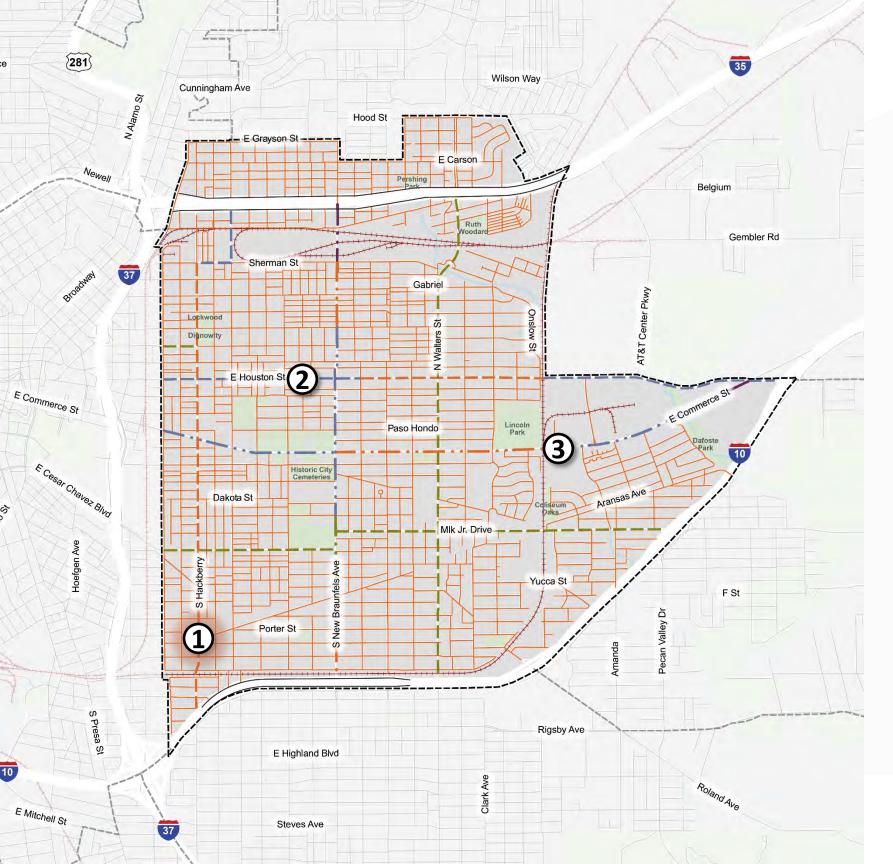




Reality Check

- 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

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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



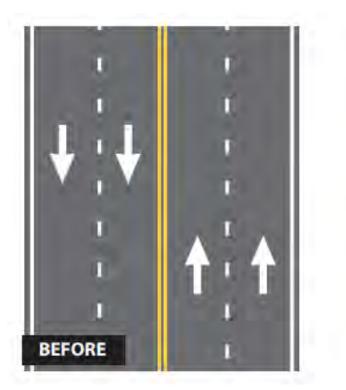
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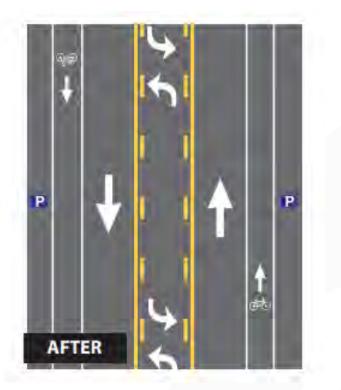












Road Before Road After

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

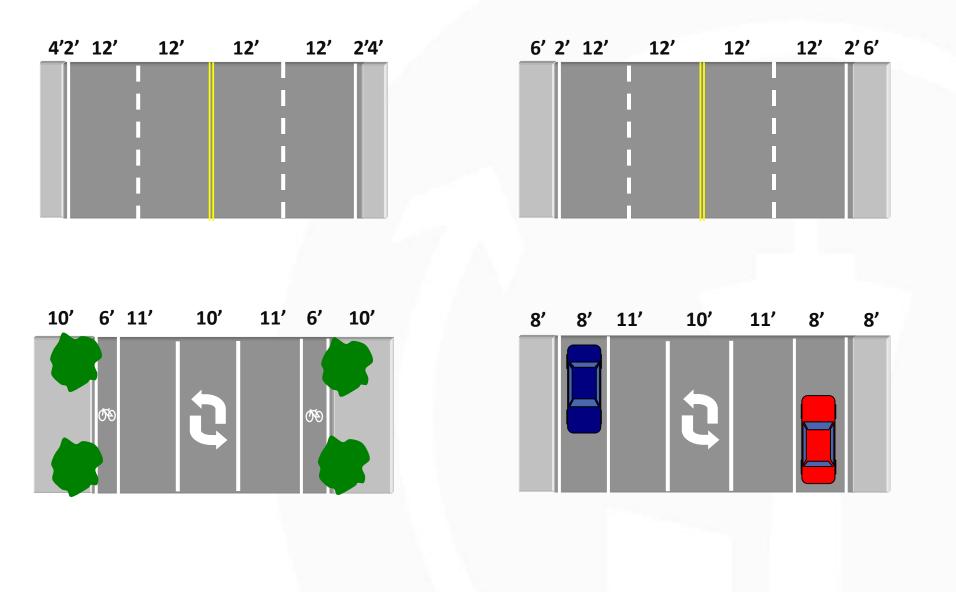
Source: FHWA



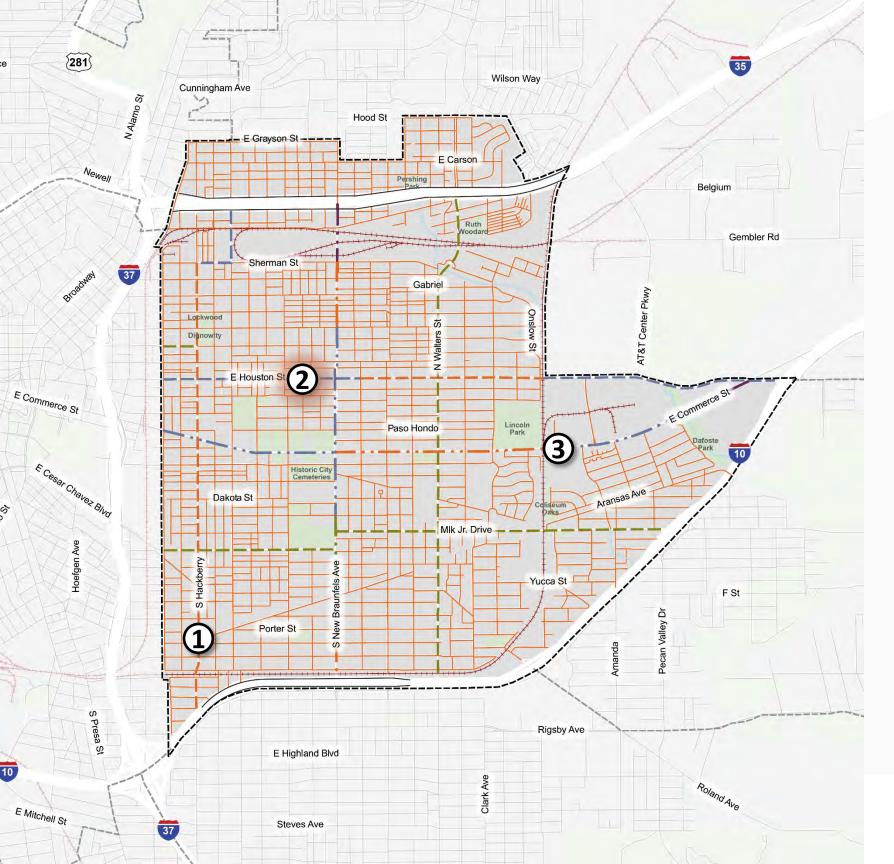
An Inexpensive Tool for Retrofitting Existing streets



Four lane to three-lane conversion







Reality Check

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Mixed Use Employment/Civic Secondary Arterial

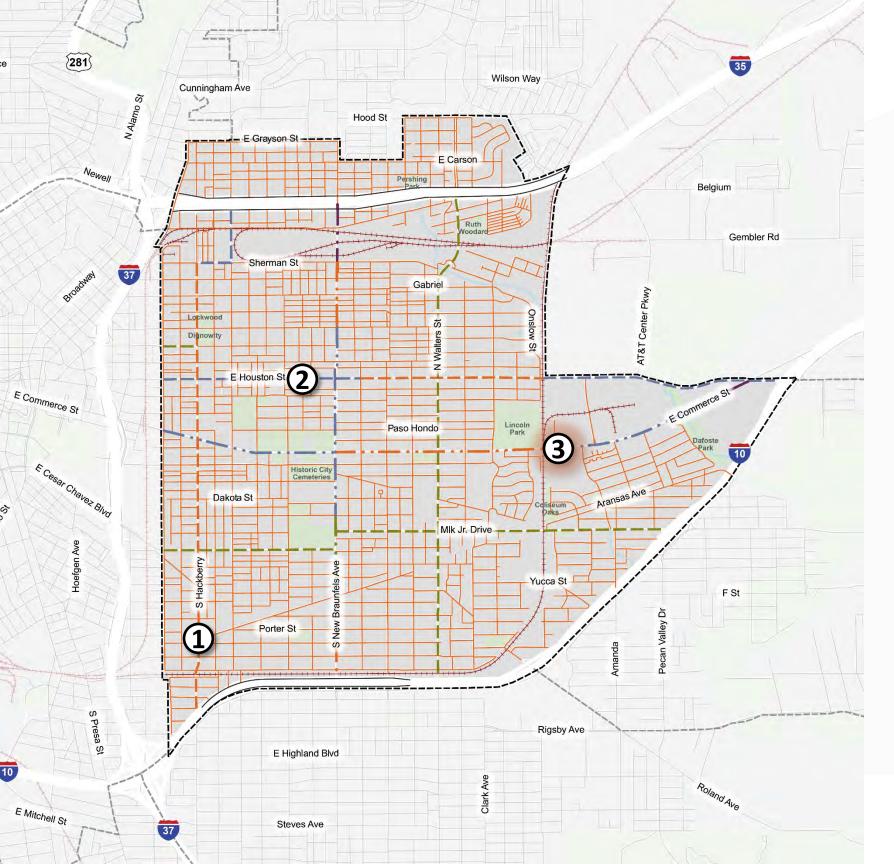




Mixed Use Employment/Civic Secondary Arterial







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Mixed Use Employment Primary Arterial



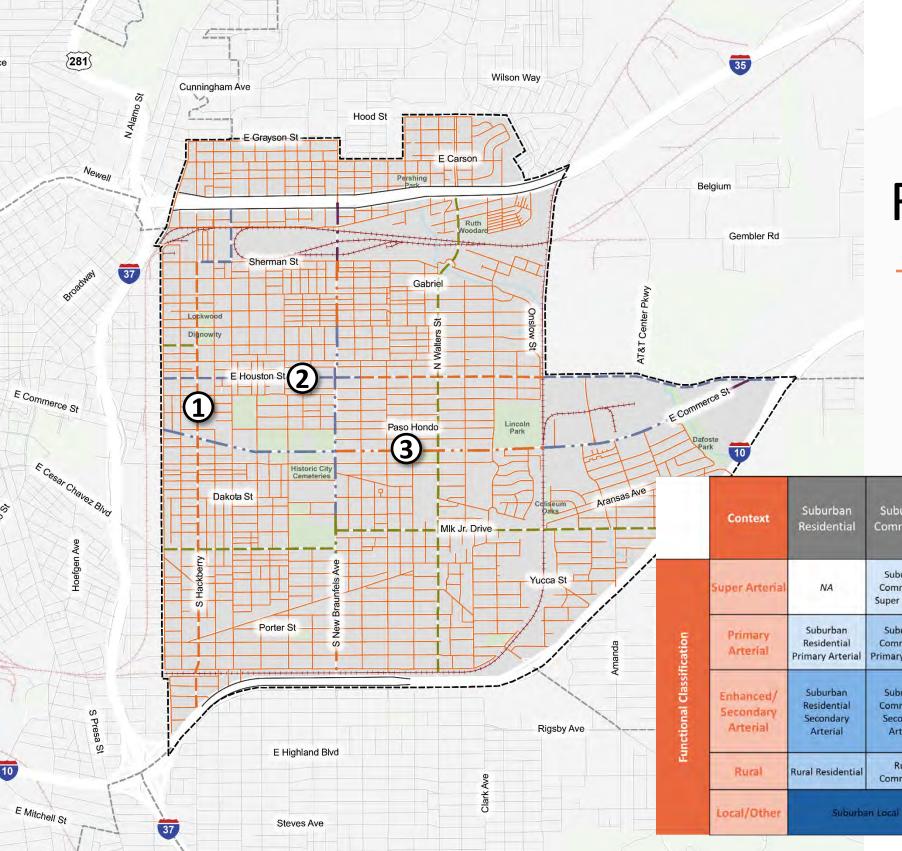
Mixed Use Employment Primary Arterial



Commerce St West of Spriggsdale Blvd

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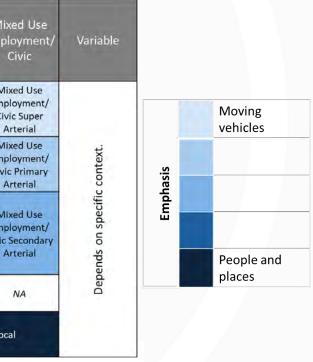


Reality Check

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

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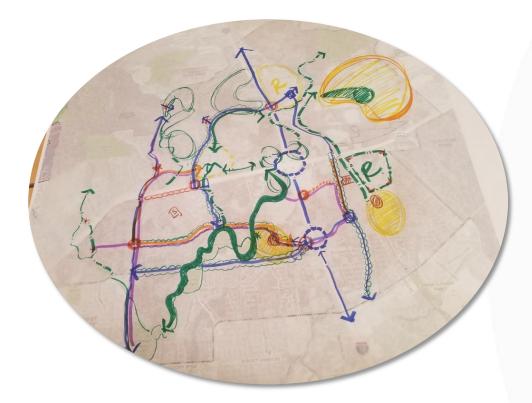




GROWTOMORROW Origins, Destinations and Key Linkages



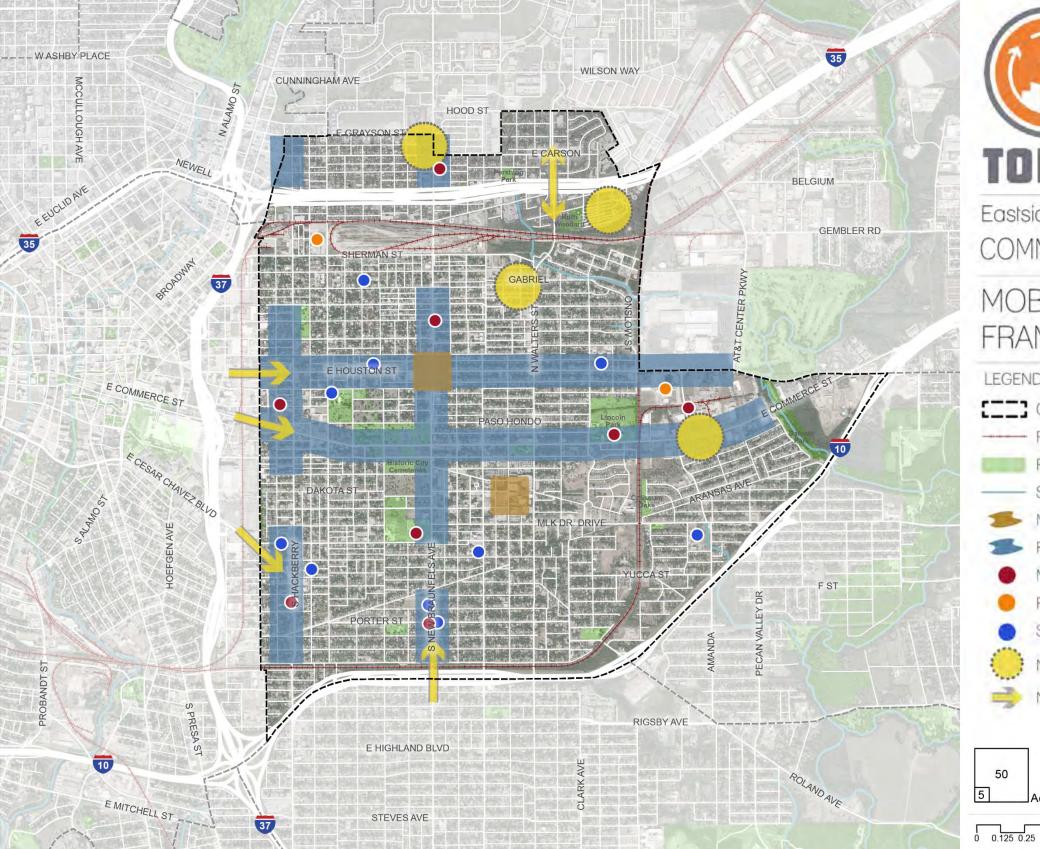
Approach



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

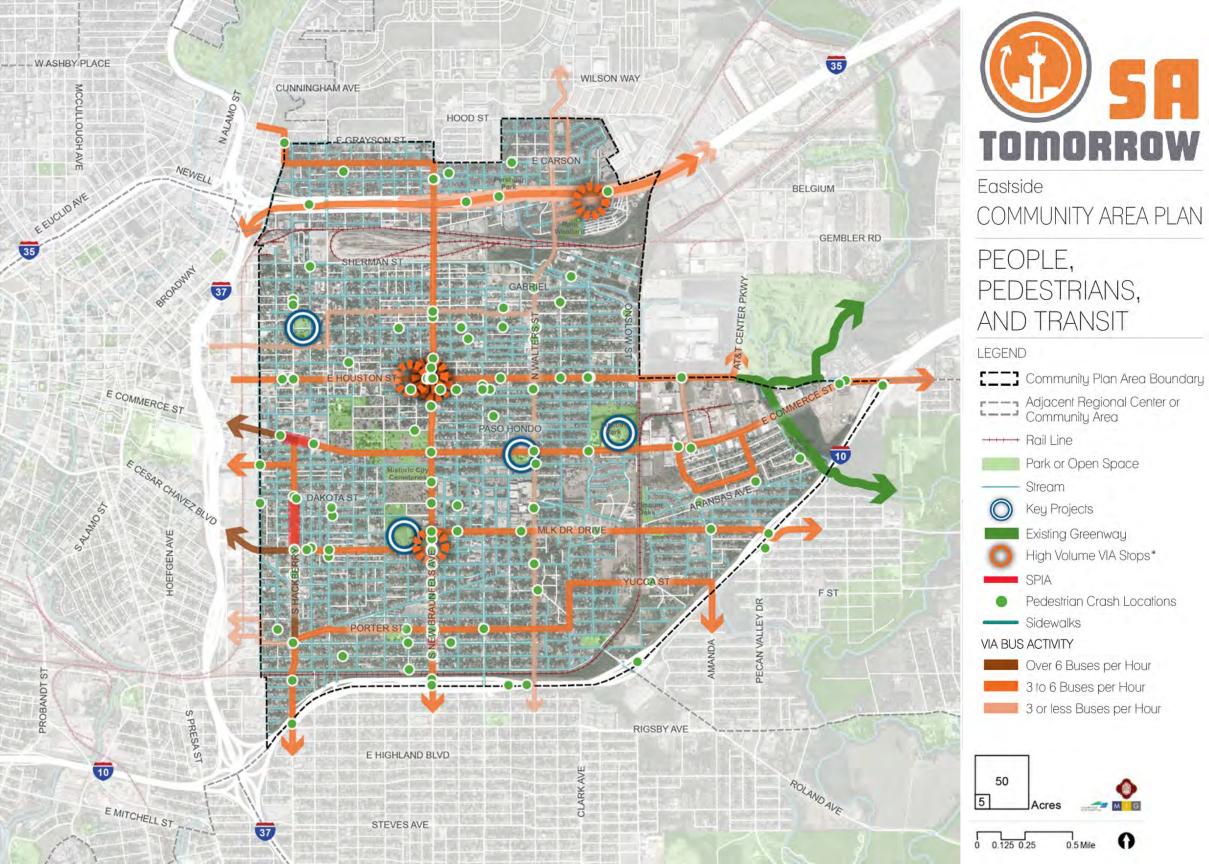




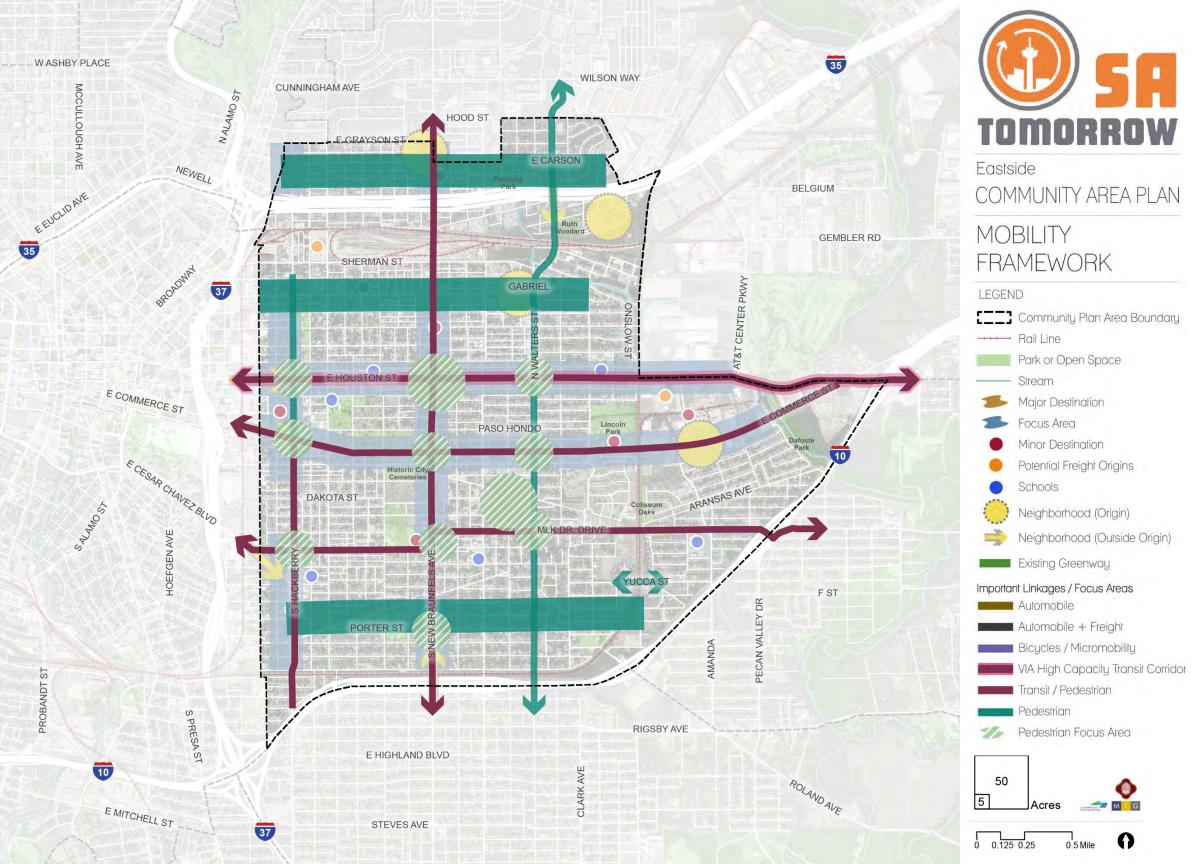


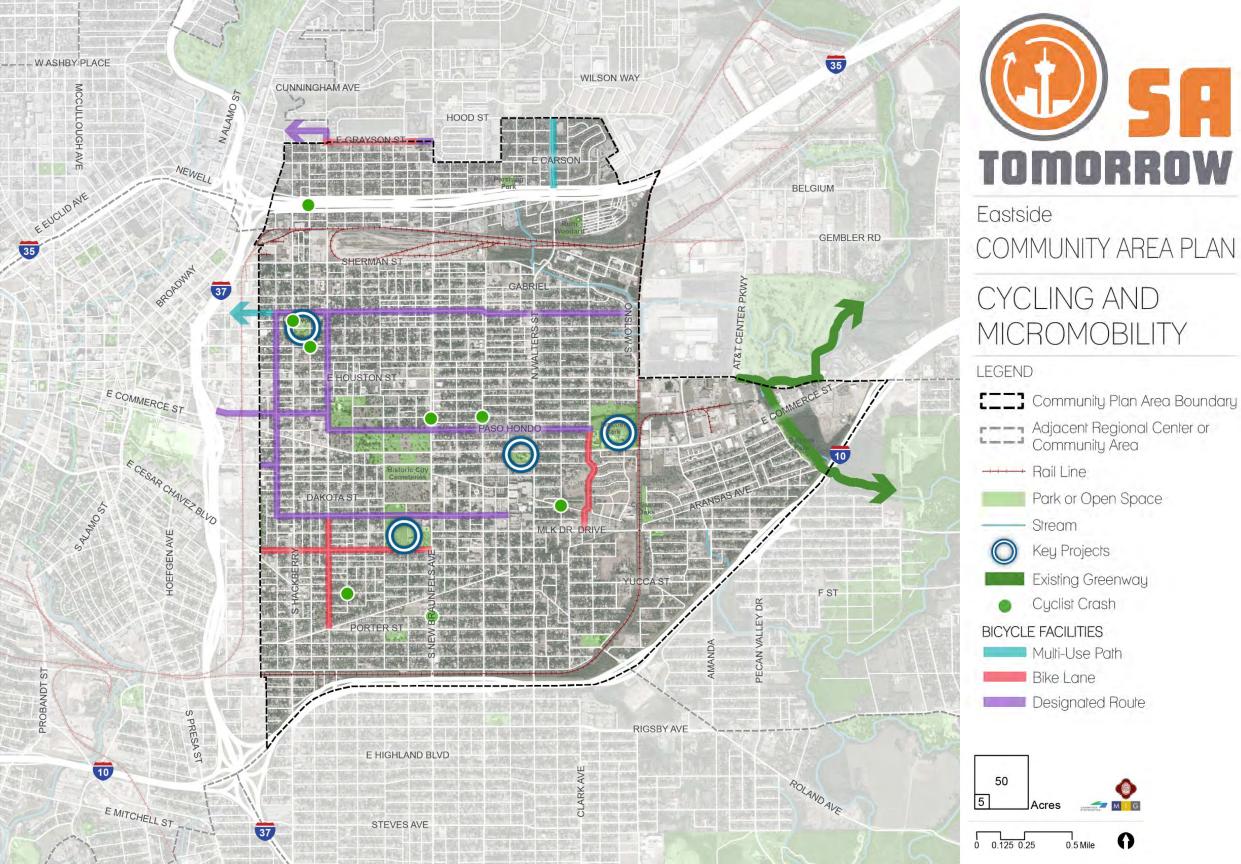


0 0.5 Mile

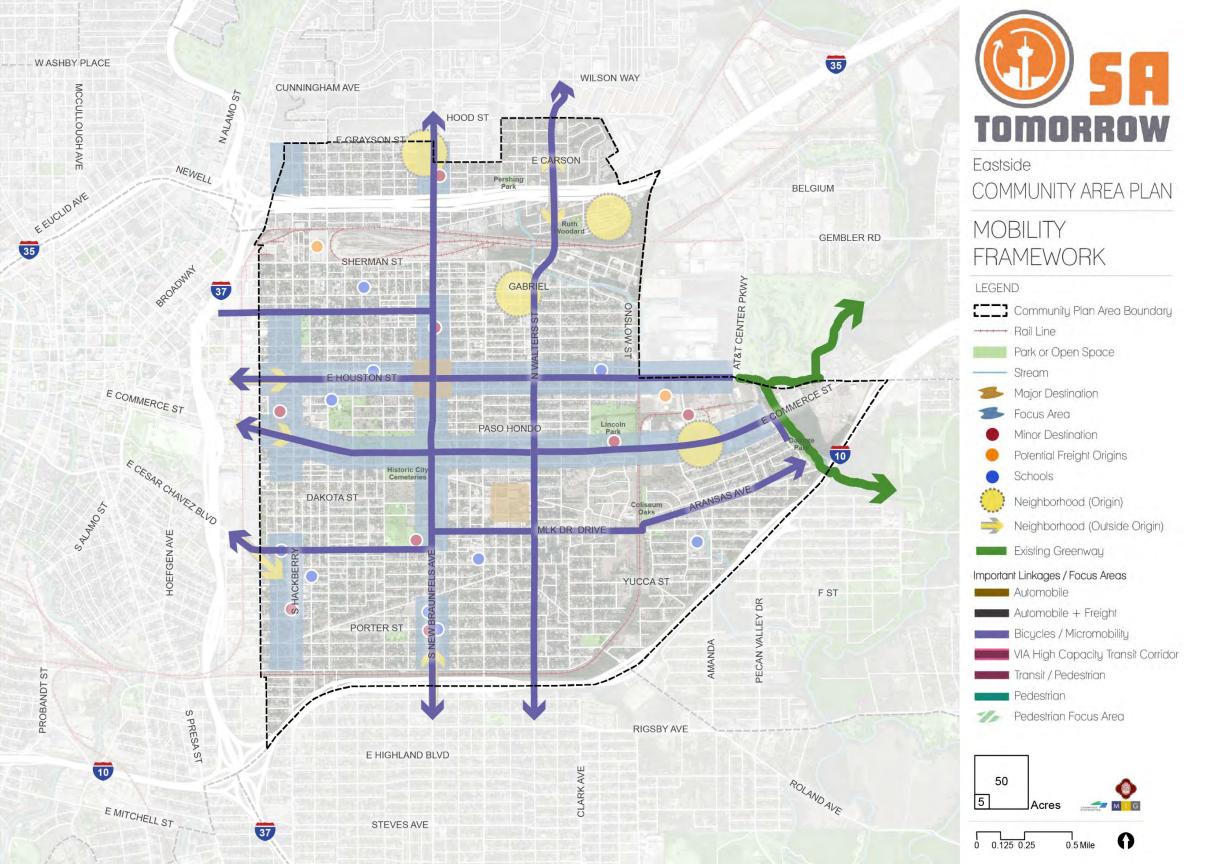


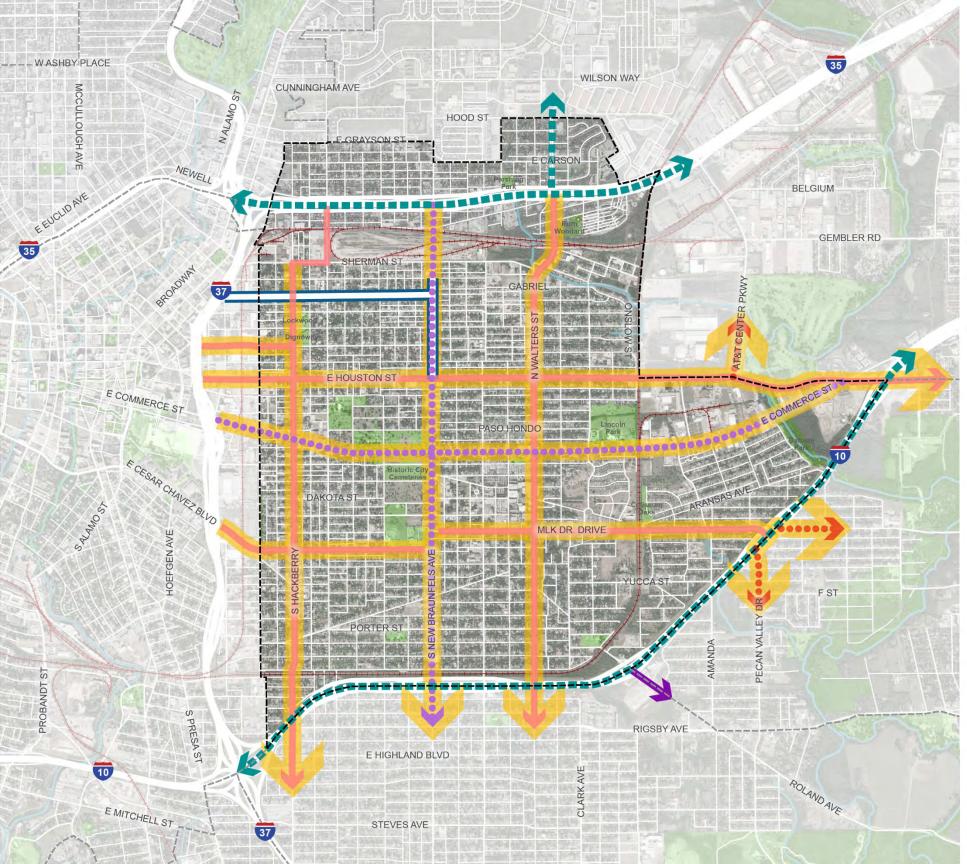




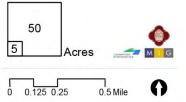


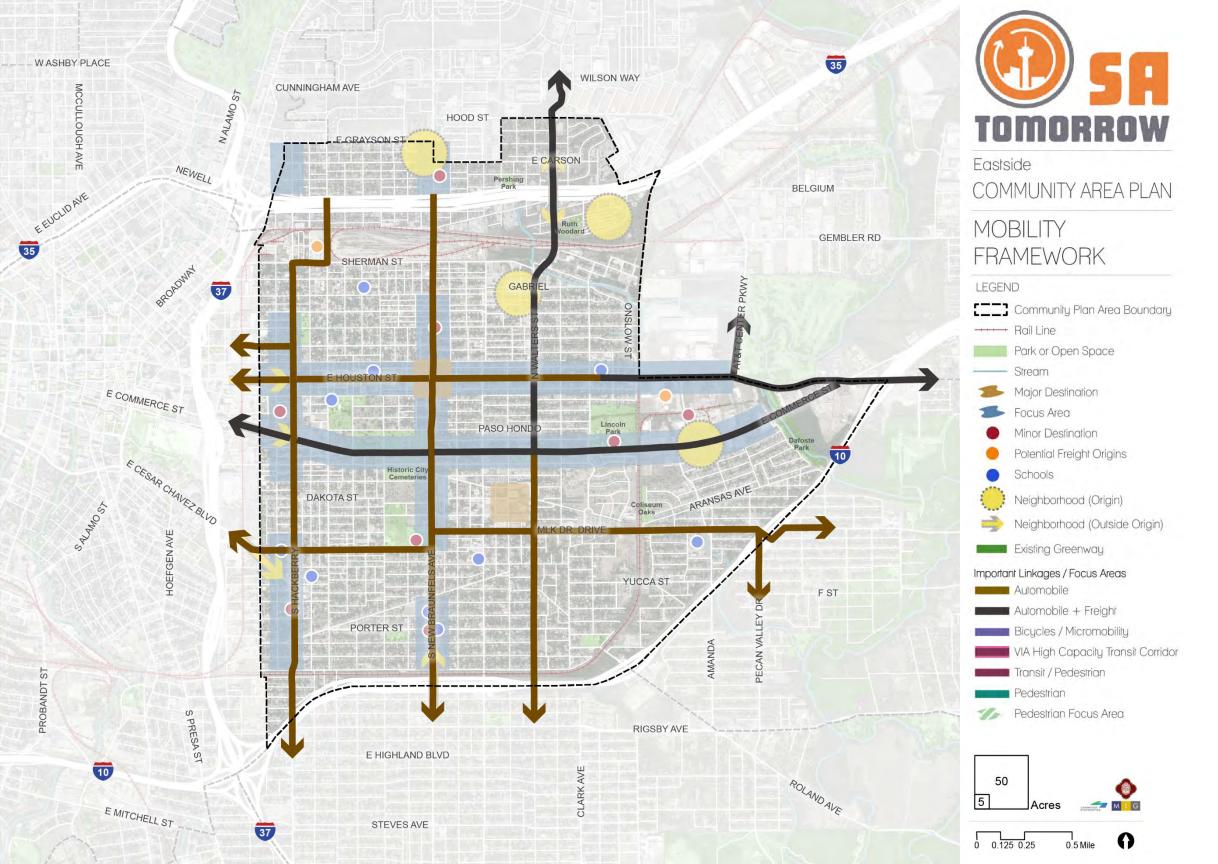














- Many streets are key linkages for multiple modes
- How do we address this?

AM AVE	WILSON WAY	B
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

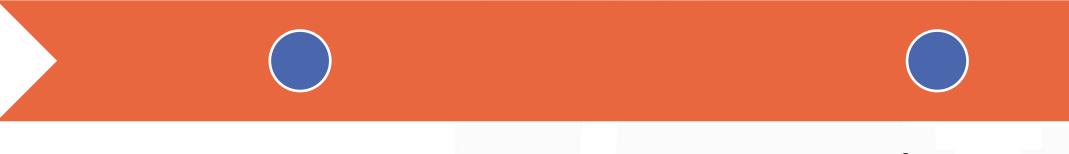




Meeting #9:

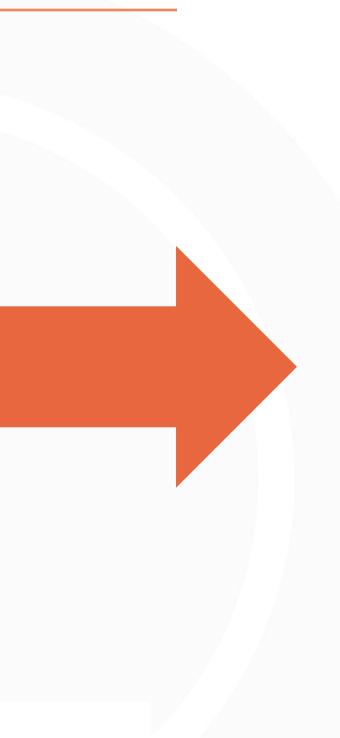
Amenities and Open Space

• 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