

Keep Austin Resilient *Systems Planning in the Age of Extreme Weather*





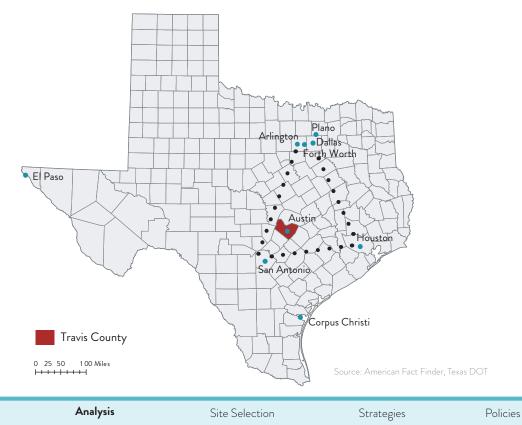
Studio Question:

How can **system planning**, in the age of **extreme weather**, produce **equitable** and **resilient** outcomes?

Outline

Part I: Introduction + Analysis Part II: Site Selection Part III: Strategies DISCUSSION Part IV: Policies + Recommendations Part V: Neighborhood Proposals

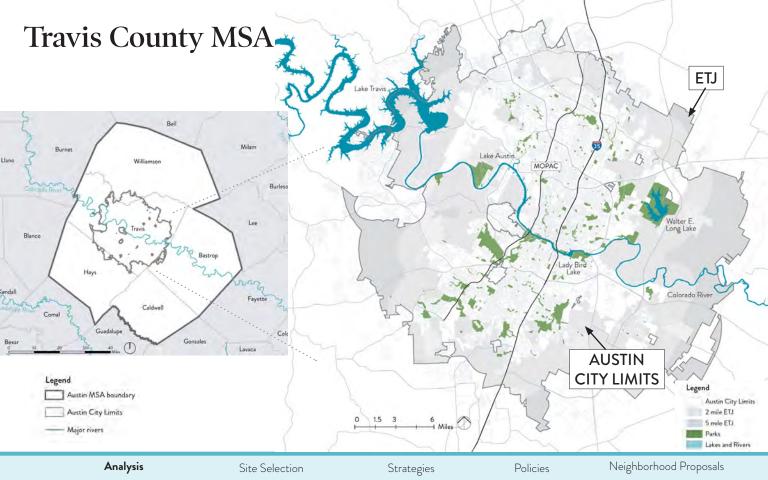
The Texas Triangle



1.5 hr to San Antonio

> 2.5 hr to Houston

3 hr to Dallas



Planning Context

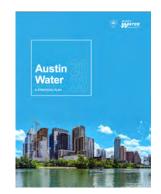






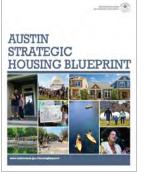














Analysis

Site Selection

Strategies

Policies









Environmental Resources

Land Use & Economy

Demographics & Poverty

Parks & Recreation







Housing

Mobility

Health & Wellness

Analysis

Site Selection

Strategies

Extreme Weather



Rapid Growth

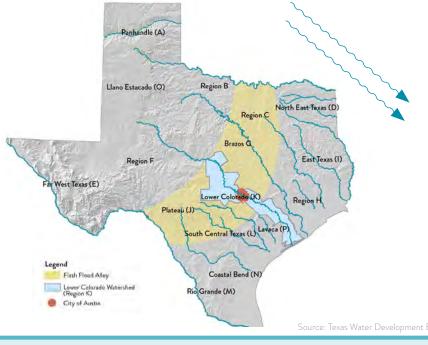
East West Divide





Flash Flood Alley

Topography and soil type contributes to flooding issues





Texas Hill Country



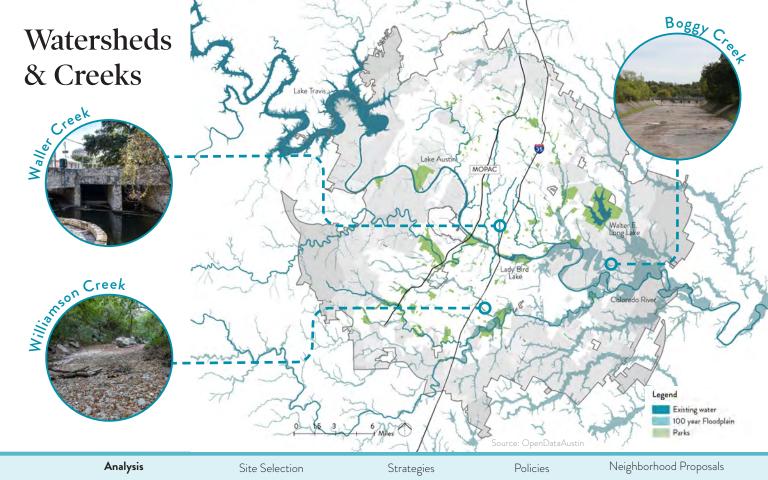
Blackland Prairie

Source: Texas Water Development Board

Analysis

Site Selection

Strategies

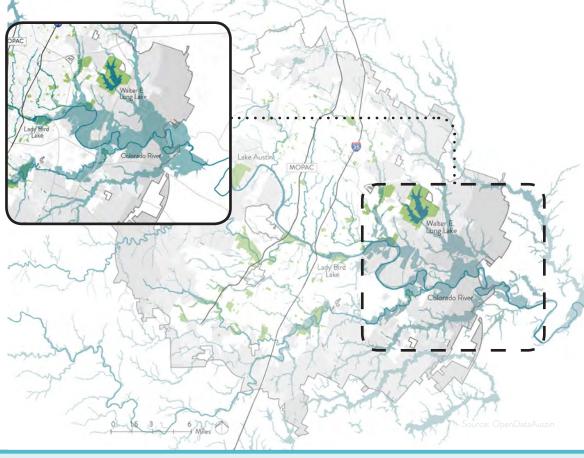


Atlas 14 Study



Expanded floodplains significantly

Changed # of homes at risk in floodplain from **4,000 to 7,200**



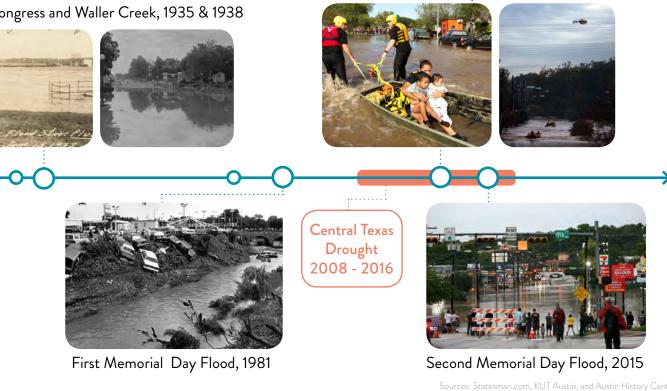
Analysis

Site Selection

Policies

South Congress and Waller Creek, 1935 & 1938

Halloween Day Flood, 2013



Site Selection

Strategies

Extreme Weather History South Congress, 1935





Waller Creek, 1938





13 deaths

left 3,000 homeless

City continued to build dams

Analysis

Site Selection

Strategies

Policies

First Memorial Day Flood, 1981









13 deaths

More than \$35 million in damage

Stunned residents, City was unprepared

Source: University of Texas at Austin

Analysis

Site Selection

Strategies

Policies

Halloween Day Flood, 2013









4 deaths

745 homes damaged

City technology and capacity mismatch

Continued development

Source: University of Texas at Austin

Neighborhood Proposals

Analysis

Site Selection

Strategies

Second Memorial Day Flood, 2015









50 closed roadways

221 flooded structures

High costs of flood mitigation

Source: University of Texas at Austin

Analysis

Site Selection

Strategies

Policies

Extreme Weather History Central Texas Drought, 2008 - 2016









over \$8 billion in damages

2011 was the driest year in Texas history

Source: University of Texas at Austin

Analysis

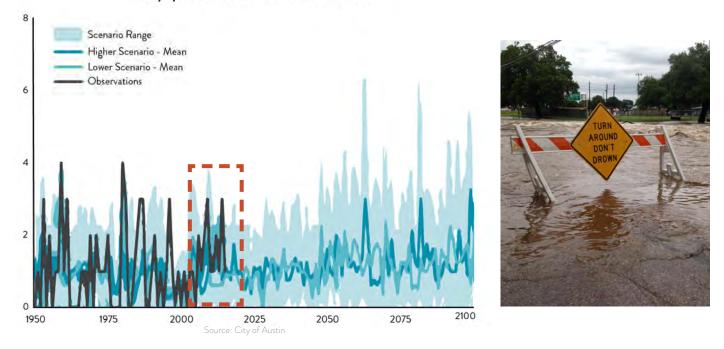
Site Selection

Strategies

Policies

Increase in Flood Intensity & Frequency

Days per Year with More Than 2" of Rain



Analysis

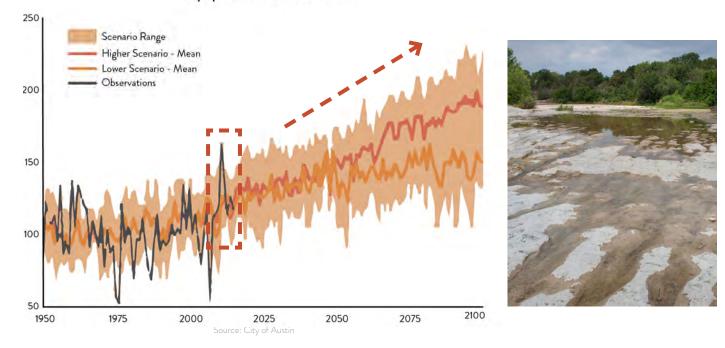
Site Selection

Strategies

Policies

More Droughts & Worse Heat

Days per Year with Tmax > 90F



Analysis

Site Selection

Strategies

Policies

Happenin' Austin



Austin City Limits





Live Music Capital of the World



University of Texas (Hook 'Em!)



Barton Springs







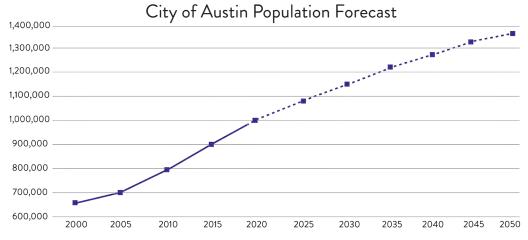
Analysis

Site Selection

Strategies

Policies

Demographics | Population



Source: City of Austin



Analysis

Site Selection

Strategies

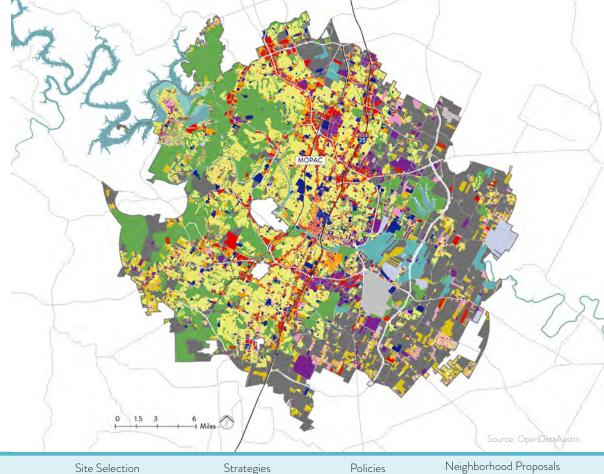
Policies

Land Use & Zoning

Primarily built out (11% vacant)

43% zoned single-family residential

> Suburban density



Analysis

Site Selection

Mobility | Mode Share & Street Network



Car-oriented

Wide roads

Low public transit ridership

Source: Austin Strategic Mobility Plan

Neighborhood Proposals

Analysis

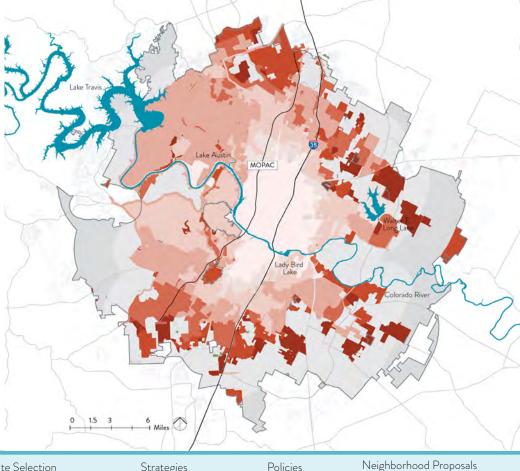
Site Selection

Strategies

Annexation Over Time



Expanding outwards for decades to accommodate growth



Analysis

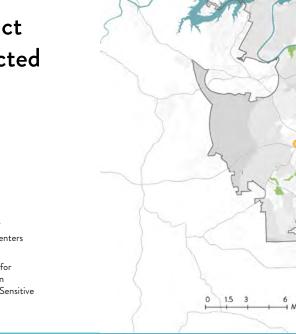
Site Selection

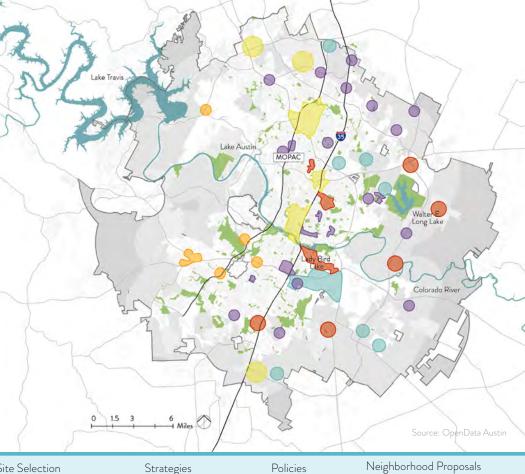
Strategies

Imagine Austin Plan

A compact and connected Austin







Analysis

Site Selection

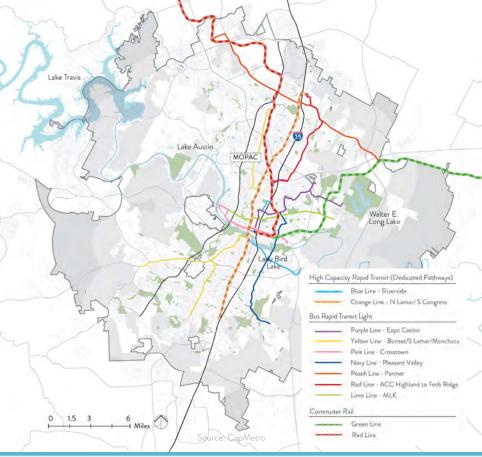
Mobility Future Transit Plan



New MLK Station on Red Line



Hike and Bike Trail



Analysis

Site Selection

Strategies

Policies

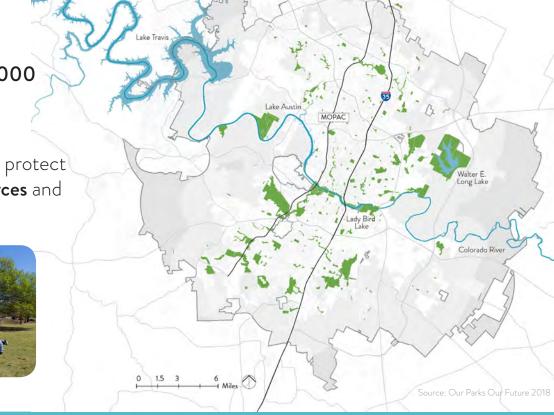
Parks & Recreation

About 19 acres per 1,000 people

Future open space to protect environmental resources and quality of life



Zilker Park



Analysis

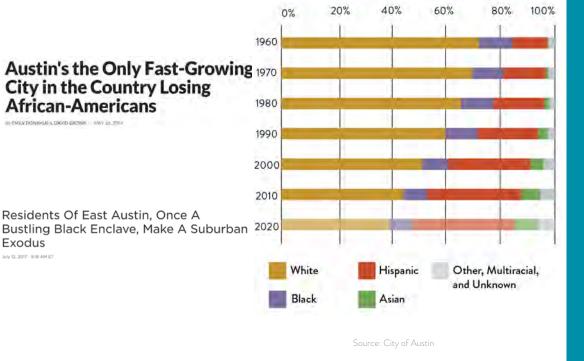
Site Selection

Strategies

Policies

Race & Ethnicity

Analysis



Ethnicity Shares History and Forecast

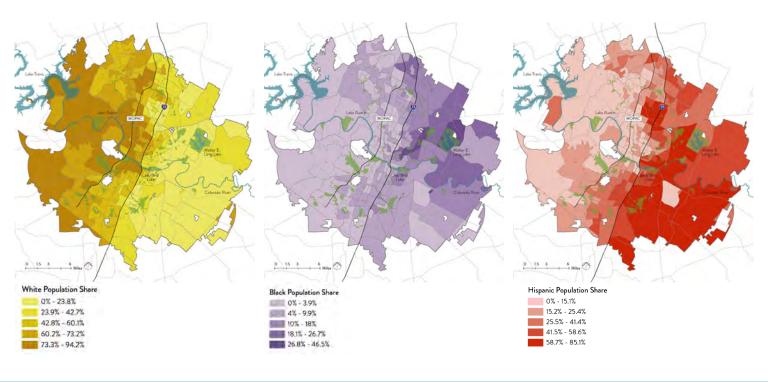
Diversifying city

Majority minority

Growth of hispanic populations



Race & Ethnicity | Spatial Disparity

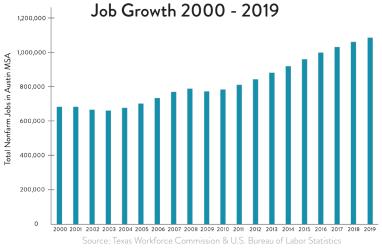


Analysis

Site Selection

Strategies

Job Growth



Growing tech industry

\$67,755 MHI

Rapidly stratifying

SAMSUNG

Analysis

Site Selection

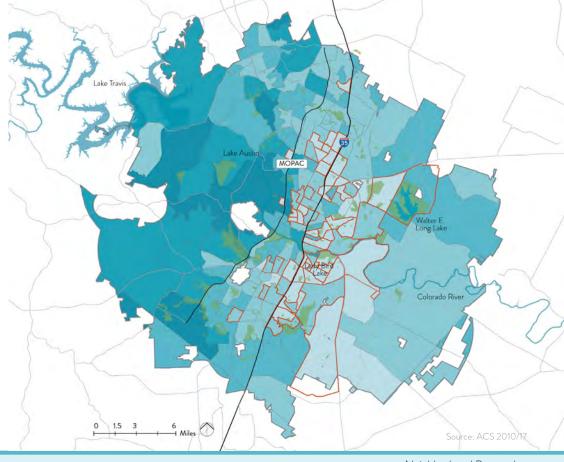
Strategies

Policies

Median Household Income + Poverty

> City-Wide Poverty Rate 15.4%

0 - \$46,969 \$46,970 - \$69,974 \$69,975 - \$94,815 \$94,816 - \$132,589 \$132,590 - \$214,418 Poverty rate 21% and above



Analysis

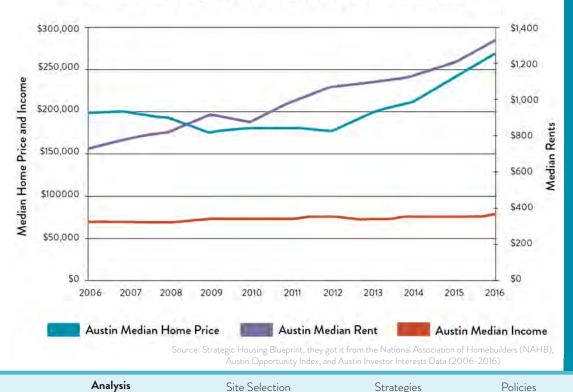
Site Selection

Strategies

Policies

Housing | Disparities

Austin Median Home Prices and Rents vs. Median Income



Owner median income: \$97,294

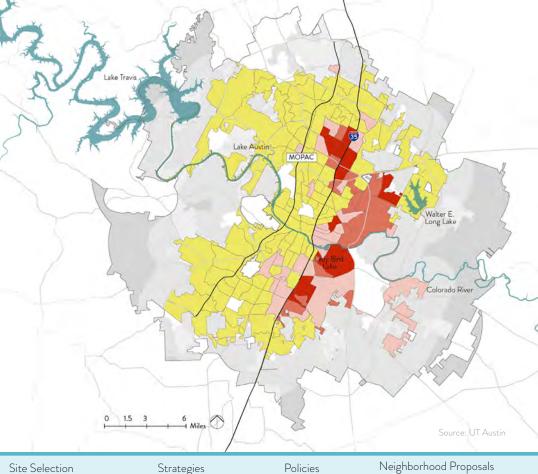
Renter median income: \$46,316

Housing Displacement

Vulnerability to Gentrification



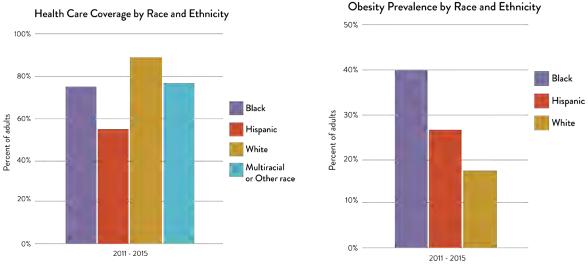
Pressure centered in the Eastern Crescent



Analysis

Health & Wellness

Austin is considered a relatively healthy city, however, **disparities along** racial, ethnic, and socio-economic lines exist



Source: Healthy Austin - Open Data

Extreme Weather



Rapid Growth

East West Divide

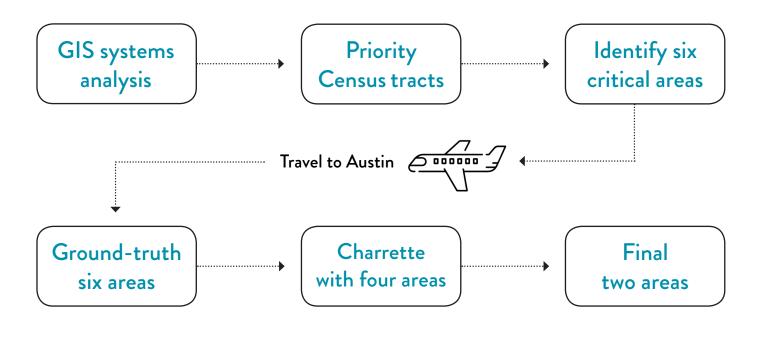




Outline

Part I: Introduction + Analysis **Part II: Site Selection** Part III: Strategies DISCUSSION Part IV: Policies + Recommendations Part V: Neighborhood Proposals

Site Selection Roadmap



Analysis Site Selection Strategies Policies Neighborhood Proposals









Environmental Resources

Land Use & Economy

Demographics & Poverty

Parks & Recreation







Housing

Mobility

Health & Wellness

Analysis

Site Selection

Strategies

Policies

Environmental Resources

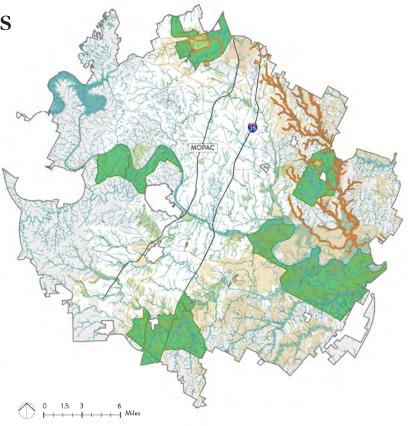
Vulnerable critical habitats and erosion hazard areas





Critical habitat and an eroded creek bank





Analysis

Site Selection

Strategies

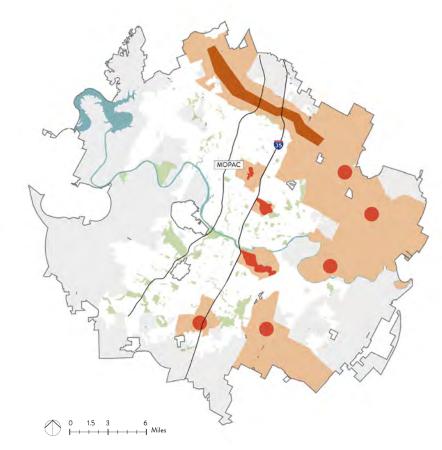
Land Use & Economy

Proximity to Austin economic development priority areas



Parmer Lane





Analysis

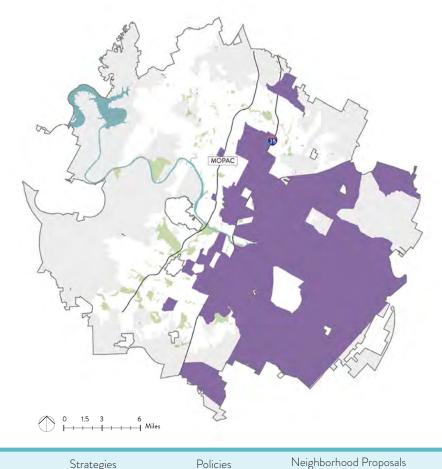
Site Selection

Strategies

Poverty

Above Austin's average poverty rate (15.4%)





Analysis

Site Selection

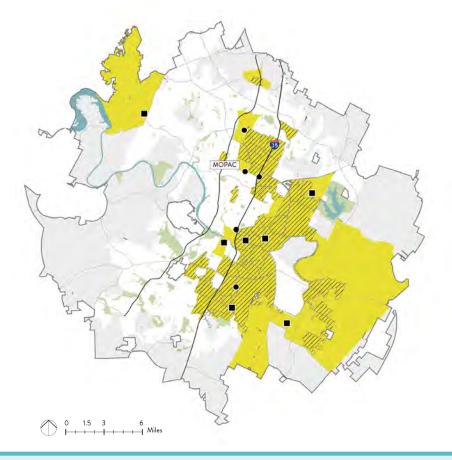
Strategies

Housing

Vulnerable tracts or areas with developable City-owned land



- Vulnerable, More Vulnerable,
 - Most Vulnerable (UT Austin)
 - Short-Term Planning Sites
 - Long-Term Planning Sites



Analysis

Site Selection

Strategies

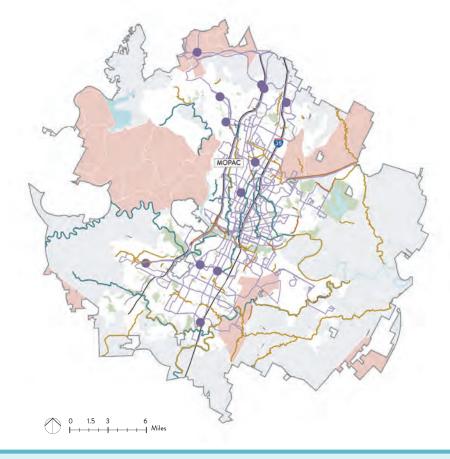
Policies

Mobility

Low-access (15+ minutes to trail and transit)







Analysis

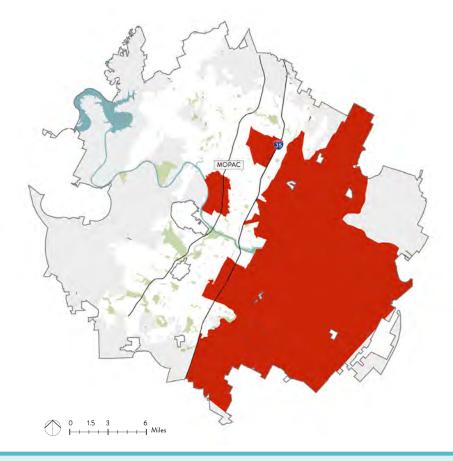
Site Selection

Strategies

Health & Wellness

Highest occurrence of poor health outcomes and low rates of health insurance enrollment





Analysis

Site Selection

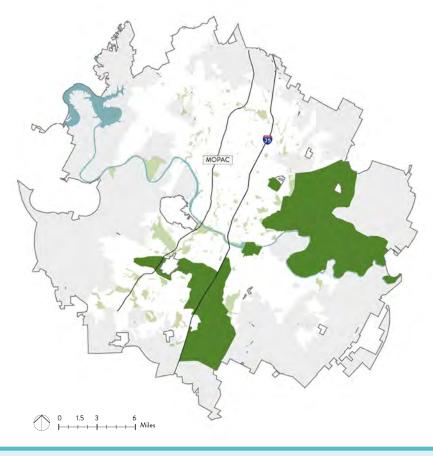
Strategies

Policies

Parks & Recreation

PARD priority areas from the Long Range Plan



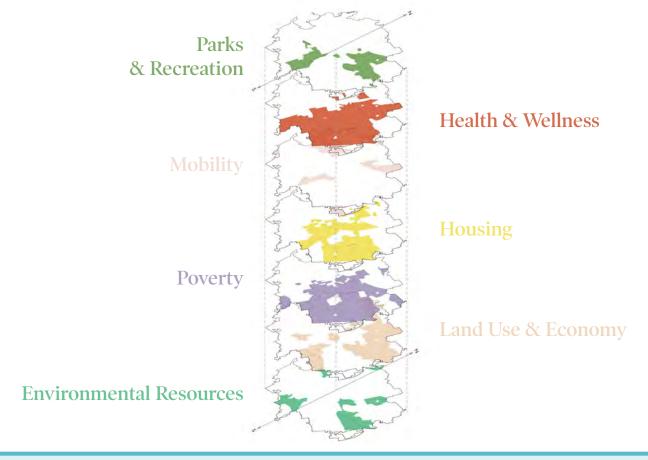


Analysis

Site Selection

Strategies

Policies



Analysis

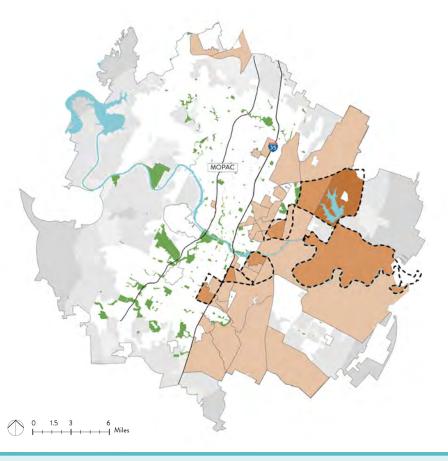
Site Selection

Strategies

Policies

Priority Areas Census Tract





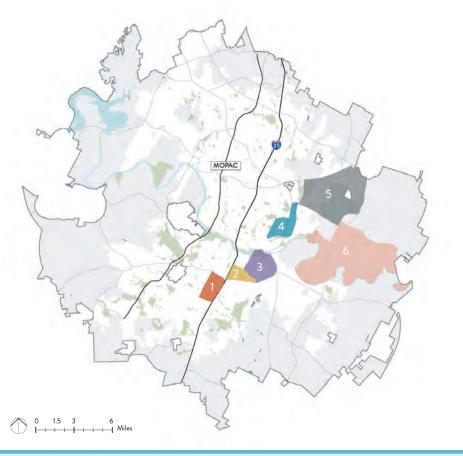
Analysis

Site Selection

Strategies

Priority Areas Neighborhoods

- 1. Williamson Creek
- 2. Parker Lane
- 3. Pleasant Valley and Montopolis
- 4. MLK 183
- 5. Census Tracts 22.12 and 22.02
- 6. Census Tract 22.07



Austin Trip













Analysis

Site Selection

Strategies

Policies

Austin Trip Study Areas

1. Williamson Creek

2. Parker Lane - feedback from Presentation 1 in Austin

3. Pleasant Valley and Montopolis

4. MLK - 183

5. Census Tracts 22.12 and 22.02

6. Census Tract 22.07 - feedback from Presentation 1

in Austin



Analysis

Site Selection

Strategies

Final Study Areas

1. Williamson Creek

2. Parker Lane - feedback from Presentation 1 in Austin

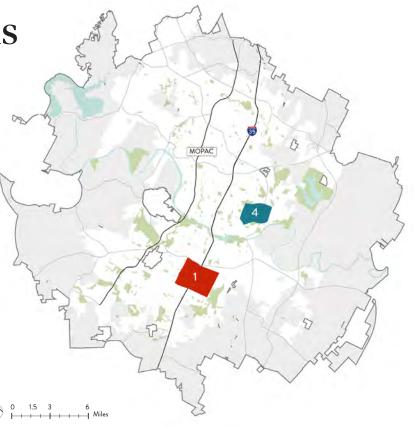
3. Pleasant Valley and Montopolis - many university students and not enough opportunity for impact

4. Tannehill Branch Creek

5. Census Tracts 22.12 and 22.02 - ongoing City redevelopment and planning efforts

6. Census Tract 22:07 - feedback from Presentation 1 in Austin

Sites selected illustrated the greatest opportunity for impact, cross-system planning, and sense of urgency.



Analysis

Site Selection

Strategies

Neighborhood Issues

Shifting demographics Change in community assets Flooding

Development pressure

Connectivity

Social wellness/health

Opportunities for Impact

Existing assets

Planned transit

Open space

Public land

Community history

Williamson Creek

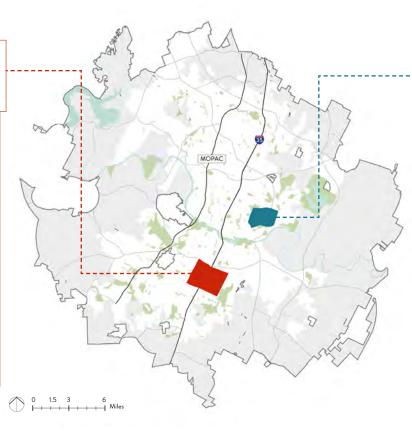
Scale: Larger

Pressure: East -west divide

Community: Existing and longstanding Latino population

Contributions to change: South Congress and new transit

Approach to flooding: FEMA voluntary buyout program



Tannehill Branch Creek

Scale: Smaller

Pressure: Shifting demographic over time

Community: Strong African - American and Latino history

Contributions to change: Proximity to downtown and new transit

Approach to flooding:

Creek channelization and small-scale interventions

Outline

Part I: Introduction + Analysis Part II: Site Selection **Part III: Strategies** DISCUSSION Part IV: Policies + Recommendations Part V: Neighborhood Proposals

Extreme Weather



Rapid Growth



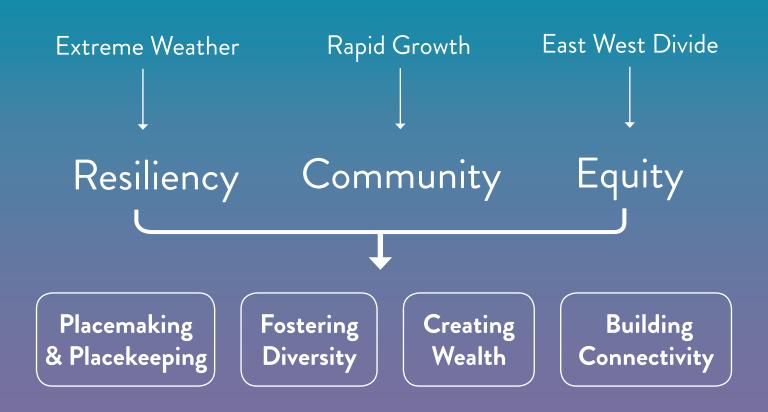
East West Divide



Resiliency

Community

Equity





Placemaking & Placekeeping Fostering Diversity Creating Wealth Building Connectivity

Placemaking & Placekeeping

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Identifying community resources and assets, and enhancing through site activation, protection and preservation, as well as celebration and appreciation.

Analysis

Site Selection

Strategies

Policies



Understanding the unique cultural assets, social needs, and housing preferences of individual groups.

Encouraging **inclusion** as well as celebrating **identity**.

Analysis

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Site Selection

Strategies



Wealth building is multi-layered.

Making physical and economic investments in a place, as well as enhancing intellectual capital, and promoting knowledge sharing.

Analysis

Site Selection

Strategies

Policies



Building connections is multifaceted, with two major components:

Infrastructure, transit, and mobility

Social networks and interconnections among different groups of people.

Analysis

Site Selection

Strategies

Outline

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Outline

Part I: Introduction + Analysis Part II: Site Selection Part III: Strategies DISCUSSION Part IV: Policies + Recommendations

Part V: Neighborhood Proposals

Extreme Weather



Rapid Growth

East West Divide





Policies and Recommendations

Policy & Recommendation Summary



- Link Resilience Projects to CRS
- Write a Floodplain
 Overlay
- Revise Drainage Fee
- Promote Rainwater Harvesting
- Proactively Manage Buyout Areas
- Allow Gray Water Recycling



- Establish an Office of Housing Stability
- Adopt a Housing Preference Policy
- Adopt a Healthy Food Overlay
 - Adopt a First Right of Refusal/Heads Up Policy
 - Whole Watershed Management



- Expand AISD
 Outdoor Program
- Partner AISD and ACC for Green Job Technical Training
- Promote a Living Wage Certification
- Adopt a Tenant
 Opportunity to
 Purchase Act



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- Implement a Living Streets Policy
- Enhance Emergency Alert System
- Prioritize Equity in Mobility Bonds
- Provide Housing Assistance in Schools
 - Streamline Stormwater Management Departments

Site Selection

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Strategies

Policy & Recommendation Summary



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 Implement a Living Streets Policy

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Site Selection

Strategies

Link Resilience Projects to Community Rating System (CRS)

Existing Issues

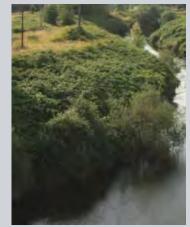
- High flood insurance costs
- Low enrollment
- Class 6 city

Recommendations

- Protect residents before buyouts
- Tie infrastructure, social connectivity and education interventions to the existing CRS program
- Encourage enrollment

Precedent

eeping



King County, WA

Site Selection

Strategies

Establish an Office of Housing Stability



Recommendations **Existing Issues** Precedent Displacement of Establish City • **CITY OF SAN ANTONIO NEIGHBORHOOD & HOUSING** department to manage residents SERVICES DEPARTMENT anti-displacement and No • emergency housing **Risk Mitigation Policy** comprehensive process for Help residents remain relocation after in their neighborhood floods through cash and legal assistance + Manage relocation efforts from voluntary

City of San Antonio, TX

Site Selection

buyouts

Strategies

Expand the AISD Outdoor Program



Existing Issues

- Limited outdoor program
- Not linked to climate awareness and leadership
- Lack of green job growth

Recommendations

- Expand the Outdoor Program tailored to the Austin environment and climate leadership
- Connect technical programs to green infrastructure design and green jobs

Precedent



CDTech Green Corps, Los Angeles, CA

Analysis

Site Selection

Strategies

Policies

Implement Living Streets Policy



- Car dominated and dangerous for pedestrians
- Stormwater contributing to water quality and quantity issues

Recommendations

- Implement living street policy on streets missing sidewalks, wide streets, and highinjury network
- Reduce stormwater runoff, improved water quality
- Create safer streets for pedestrians and bikers

Precedent

ilding Conn



Maplewood, MN

Analysis

Site Selection

Strategies

Policies

Policy & Recommendation Summary



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 Implement a Living Streets Policy

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Site Selection

Strategies

Policies

Outline

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Williamson Creek

Scale: Larger

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IMPLEMENTATION OVERVIEW

Description: This is a recap of the main goal of this recommendation and how it will help us reach our overall goal of a resilient, equitable Austin in the face of extreme weather.

STRATEGIES





POLICY AND PROGRAMS

- First Policy
- Second Policy



STRATEGIES

This recommendation uses the highlighted strategies.

POLICY AND PROGRAMS

This recommendation is a local-level representation of these citylevel policies and programs.

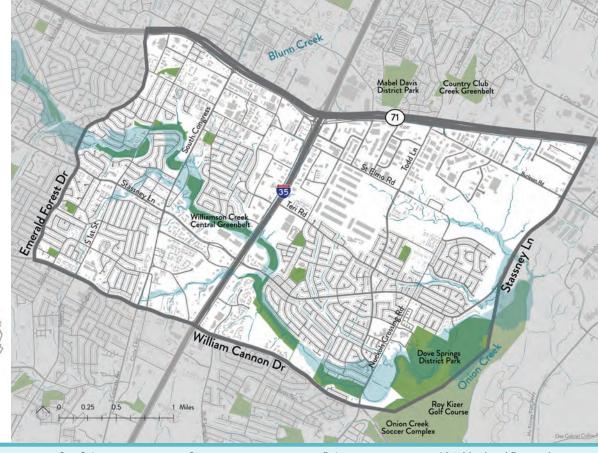


Williamson Creek

Williamson Creek







Analysis

Site Selection

Strategies

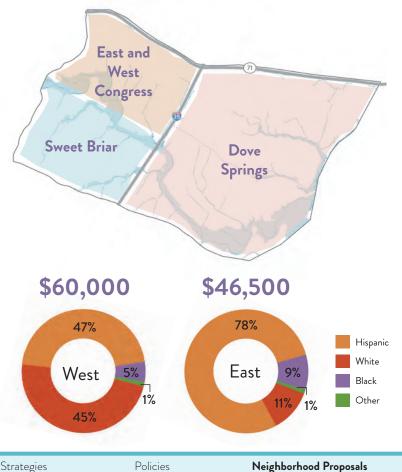
Policies

Neighborhood Overview

Total population: 54,500 Increase of over 20,000 people since 2000



The Bergstrom Air Force Base closed in 1993, but had a lasting impact on the area's land use, community assets, and affordability.



Strategies

Flooding History South Congress and Waller First Memorial Second Memorial Day Central Texas Drought Creek, 1935 & 1938 Day Flood, 1981 2008 - 2016 Flood, 2015 Nov Oct 1998 2001 Back-to-back floods on October 13 and October 31, 2013 October 13, 2013 » Williamson Creek flood that started voluntary buyout program Halloween Flood of 2013 » Onion + Williamson Creek » 600 homes damaged

» 5 deaths

CREEK

WILLIAMSON

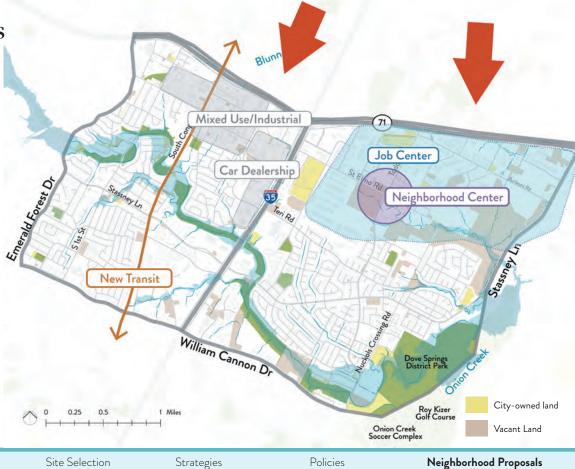
Strategies

Policies

Contributions to Change

- New Orange Line Streetcar
- Imagine Austin Neighborhood Center and Job Center
- Changing industrial areas

Analysis



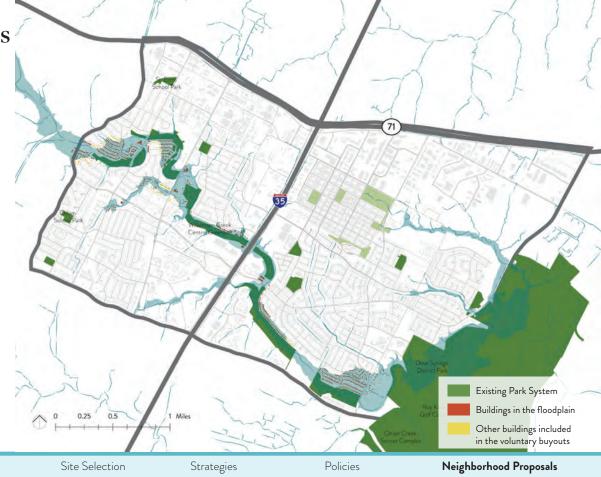
Williamson Creek Recommendations





Buyout Parks Current

About ~900 homes are currently in the floodplain.



Analysis

Buyout Parks Current

About ~900 homes are currently in the floodplain.





Buyout Parks After

New park system would provide flood protection, create a new asset for the community.



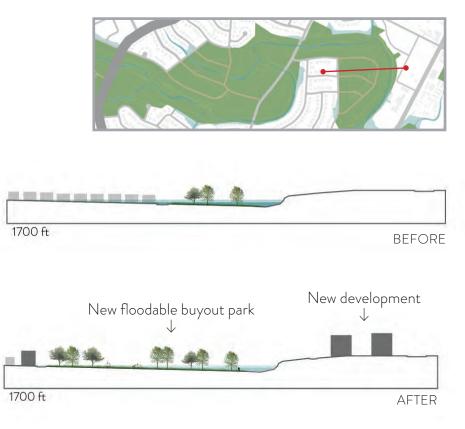


Buyout Parks | Section

Precedent Mingo Creek, Tulsa, OK In the 1980's, flooding in Tulsa led to 14 deaths and over 5,500 buildings destroyed. The city proceeded to

buyout ~300 homes and it is now a **signature floodable park.**





Proposed Trail and Park Programming

Analysis





Proposed Trail and Park Programming

Trail Programming

- Walking/Biking/ Running Trail
- Distance Markers
- Health Education
 Signage
- Flooding History Education Signage





Smaller Park Programming

- Community Gardens
- Community-gathering spaces
- Picnic areas





Larger Park Programming

- Exercise Equipment
- All-Gender Restrooms
- Bilingual Language Signage
- Safety Lights & Call Boxes
- Shaded Areas, Seating, Picnic & Grill Areas
- Children's Water Area and Playgrounds



Precedent BeltLine | Atlanta, GA



The Atlanta BeltLine is a **trail** and a park system that connects diverse communities across Greater Atlanta and has:

- Free fitness classes
- Space for public art
- Urban agriculture programming

Analysis

Site Selection

Strategies

Policies

RECOMMENDATION #1

IMPLEMENTATION

New Park and Trail System

A new trail system connects neighborhoods to their creeks, and provides new spaces for gathering.

STRATEGIES



POLICIES

- Office of Housing Stability
- Community Rating System

COST PHASING \$\$\$ high Cost Cost Cost



Analysis

Site Selection

Strategies

Policies



I-35 Trail Connection Existing

There are no safe crossings across I-35 for people without car access.









Analysis

Site Selection

0.25

Strategies

1 Miles

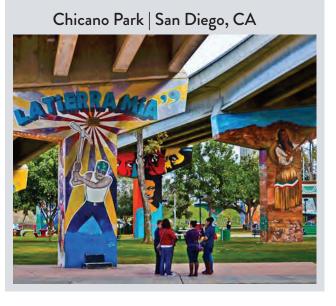
William Cannon Dr

Policies

I-35 Trail Connection Create a New Neighborhood Connection







Analysis

Site Selection

Strategies

Policies

IMPLEMENTATION

Near-term Park Improvements

Short-term improvements take immediate action to improve flood risk and connectivity for the community around Williamson Creek.

STRATEGIES



POLICIES

- Community Rating System
- Mobility Bond



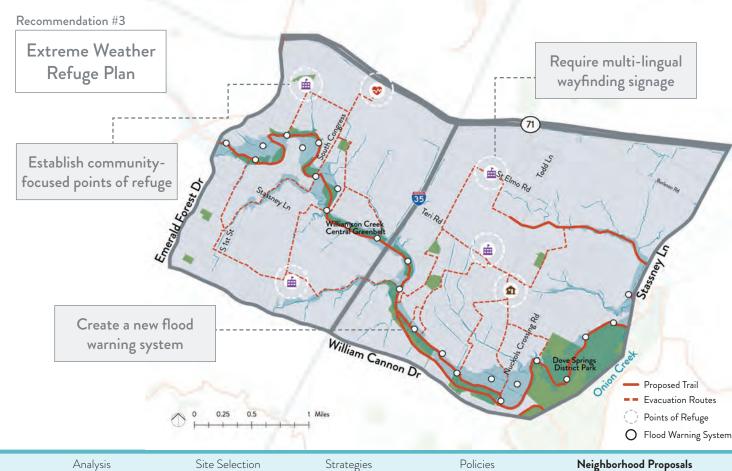


Analysis

Site Selection

Strategies

Policies



Analysis

Site Selection

Suitability Analysis

"Suitability for refuge" is a combination of slope and topography to find the highest, flattest points.

Suitability Value for Refuge Place



Points of Refuge

"Suitability for refuge" is a combination of slope and topography to find the highest, flattest points.

Suitability Value for Refuge Place



Dove Springs District Park

Onion



1 Miles 0.5 St. Elmo Elementary School

Emerald Evert Dr

eyla

曲

Strategies

Policies

Early Warning System



Analysis

Site Selection

Strategies

Policies

RECOMMENDATION #3

IMPLEMENTATION

Extreme Weather Refuge Plan

Ensures all members of the Austin community around Williamson Creek have a plan and place of refuge in case of extreme flooding or heat.

STRATEGIES



POLICIES

Community Rating System

COST PHASING \$\$\$ LOW COST SHO TER



Analysis

Site Selection

Strategies

Policies

Recommendation #4

South Congress **Resilient TOD**

- Propose new streetcar stations & a new TOD Overlay
- Apply the Floodplain Overlay Policy
- Redesign South Congress Ave

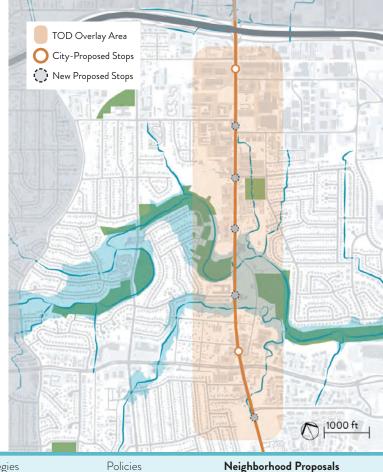


South Congress Resilient TOD Propose New Stations and Implement TOD Overlay

New and proposed development







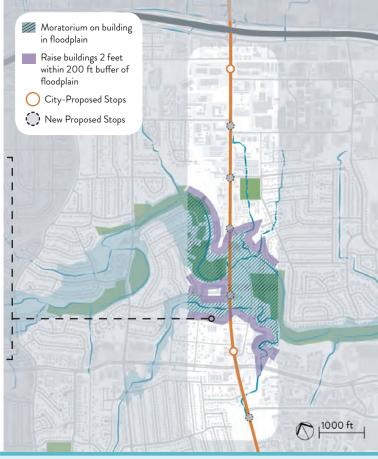
Analysis

Site Selection

Strategies

South Congress Resilient TOD Applying the Floodplain Overlay Policy





Analysis

Site Selection

Strategies

Policies

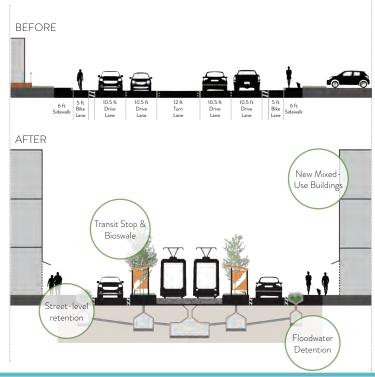
South Congress Resilient TOD Leverage transit construction for stormwater management

Existing road conditions



Streetcar greenway





Neighborhood Proposals

Analysis

Strategies

Policies

RECOMMENDATION #4

IMPLEMENTATION

South Congress Resilient TOD

A TOD district provides for dense, transit-oriented housing on high ground and retrofits existing buildings and pedestrian infrastructure.

STRATEGIES



POLICIES

- Floodplain Overlay
- Mobility Bond





Analysis

Site Selection

Strategies

Policies

Recommendation #5

Industrial Site ${\sf Redevelopment}$

- Upper-reach water management
- Relocation housing
- Needed amenities for undeserved east-side residents

South Congre 2 ppo St Elmo Rd Emerad Erest D. Stassney Ln 35 Teri Rd S Ist St Stassney L Nuchols Cossing Rd William Cannon Dr Dove Springs District Park 1 Miles 0.25 0.5 Site Selection

Redevelopment Existing

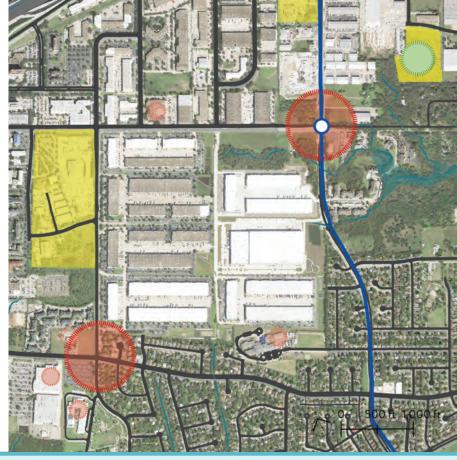
Site Opportunities:

- Job Center and Neighborhood Center
- Connector between schools and institutions
- Capitalize on city-owned land
- Transition zone between residential and industrial

Future Vision:

- Upper-reach water management
- Relocation housing
- Needed amenities for undeserved Dove Springs residents





Analysis

Site Selection

Strategies

Policies

Redevelopment Transition from residential to mixed-use industrial

Legend



Park space & stormwater roads Mixed-use office / light industrial

Mixed-use residential

Residential use



Analysis

Site Selection

Strategies

Policies

Redevelopment Upper-reach water management

Stormwater options

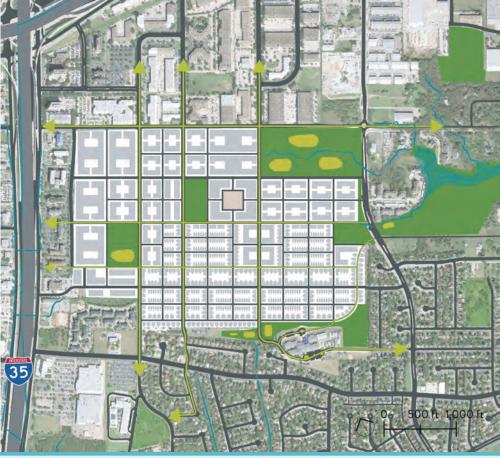
- Bioswales
- Detention basins
- Large rain gardens
- Green roofs





Detention Basin & Park Champaign, IL

Stormwater Greenway Paso Robles, CA



Analysis

Site Selection

Strategies

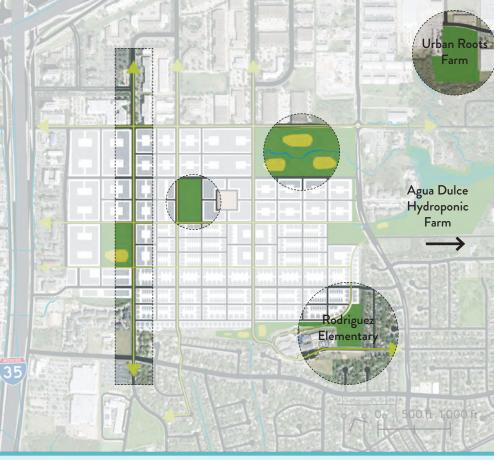
Policies

Redevelopment Urban Farming & Outdoor Education

- Designate space for urban farming "pilot plots"
- Leverage pilot plots and stormwater systems as an outdoor laboratory
- Educate children on healthy eating and sustainability

Precedent: Colorado State University Food Systems Initiative





Analysis

Site Selection

Strategies

Policies

Redevelopment Community Hub

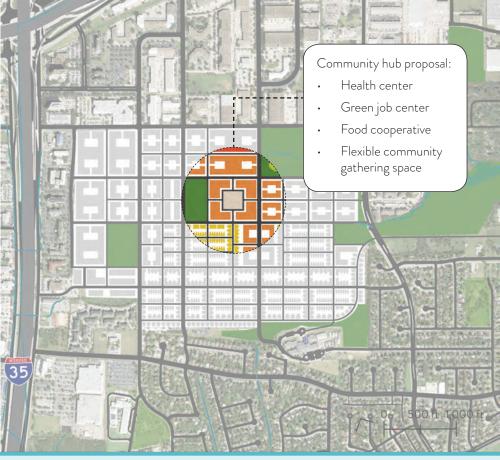
Benefits include:

- School-community partnerships
- Respond to local needs
- Improved access to services and better outcomes for people
- Social return on investment

Precedent: Community Hubs of Toronto

NEIGHBOURHOOD CENTRES IN TORONTO Over 100 years of community hubs





Analysis

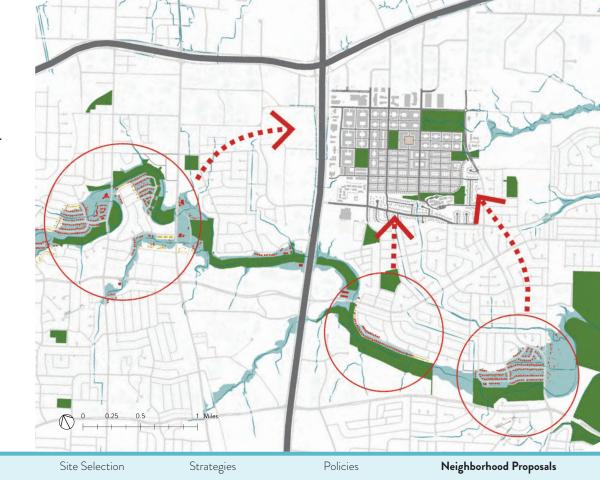
Site Selection

Strategies

Policies

Housing Relocation

This will provide a range of housing types and be a major site of housing relocation for the voluntary buyout program.



Analysis

IMPLEMENTATION

Industrial Redevelopment

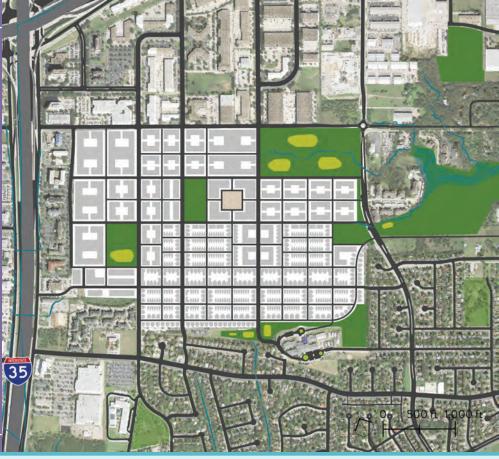
Provides diverse housing options for buyout recipients and redevelop an industrial site with community and green assets.

STRATEGIES



POLICIES

- Office of Housing Stability
- AISD Outdoor Program Expansion



Analysis

Site Selection

Strategies

Policies

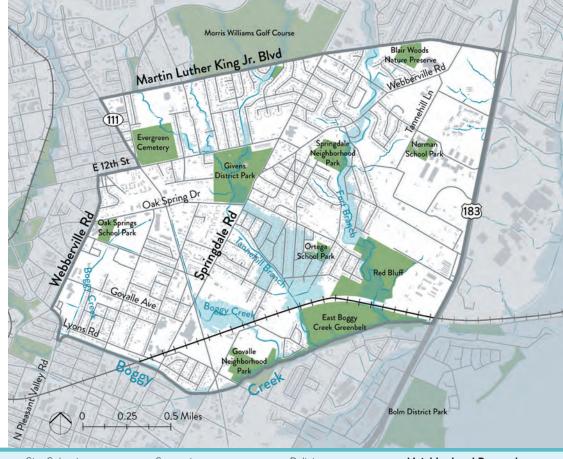


Tannehill Branch Creek

Tannehill Branch Creek







Analysis

Site Selection

Strategies

Policies

Neighborhood Overview

Total population: 13,300

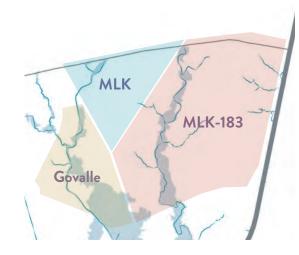
Increase of 4,000 people since 2000



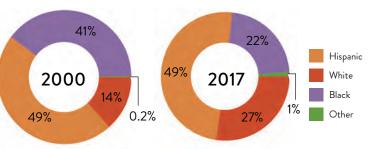
Has one of the first African American-only cemeteries in Austin



Annexed between 1960 and 1980



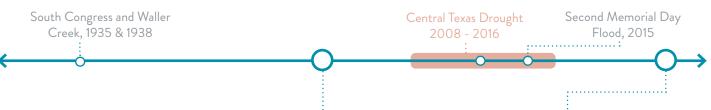
\$27,700 → **\$42,300**



Site Selection

Strategies

1981 Memorial Day Flood



First Memorial Day Flood, 1981

- October 13, 2013
 - » Channelization of Boggy Creek





Austin American-Statesman 13 die as floods ravage city; losses estimated in millions

Recent Flood History

 Tannehill Branch is roughly
 1.5% of the land in the city, yet it accounts for 2.3% of flood complaints of the year



Analysis

Site Selection

Strategies

Policies

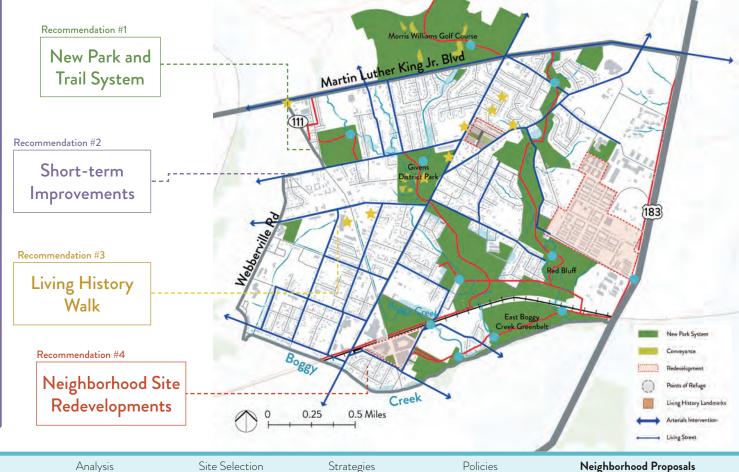
Contributions to Change

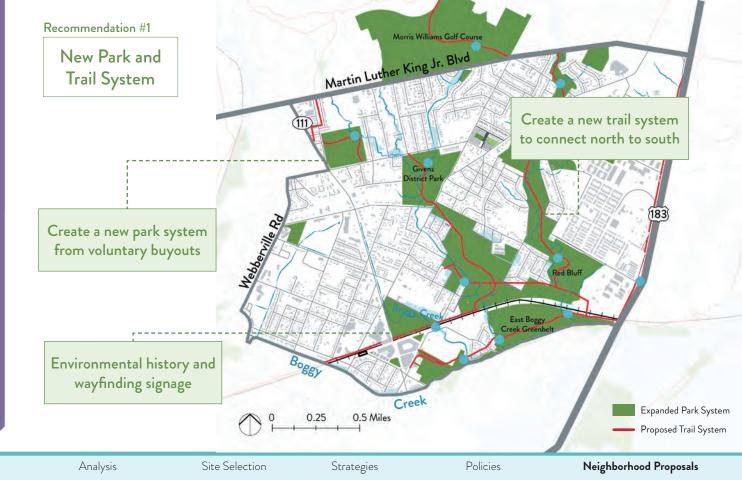
- New Green
 Commuter Rail
- Imagine Austin Neighborhood Centers and Regional Center
- Majority renter population

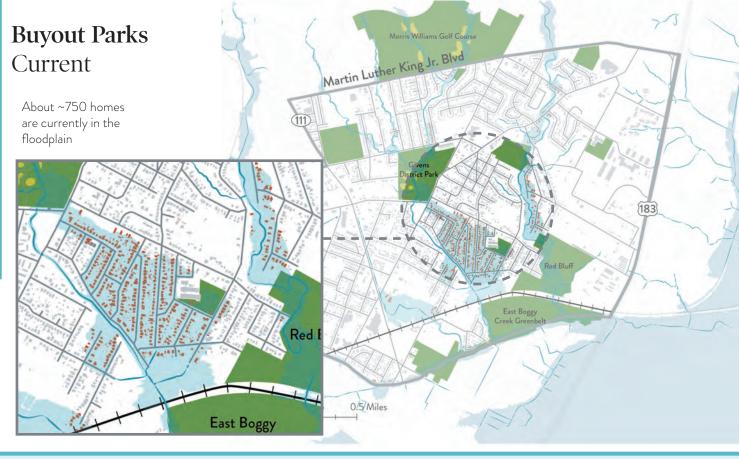


Policies

Tannehill Branch Creek Recommendations





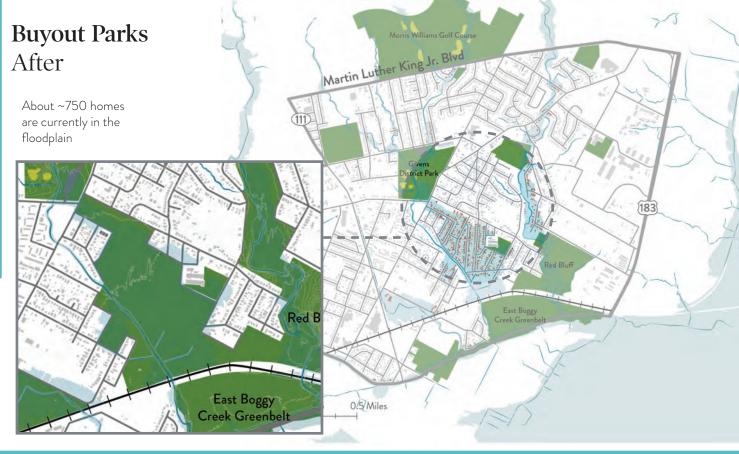


Analysis

Site Selection

Strategies

Policies



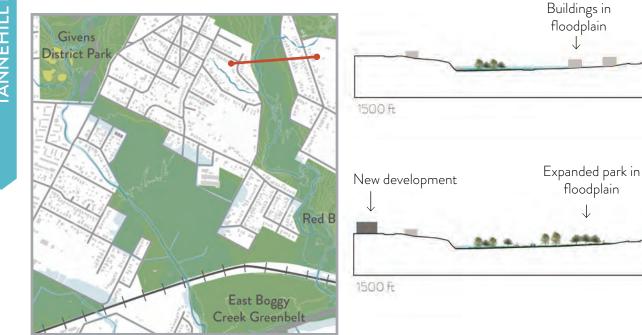
Analysis

Site Selection

Strategies

Policies

Buyout Park Plan | Sections

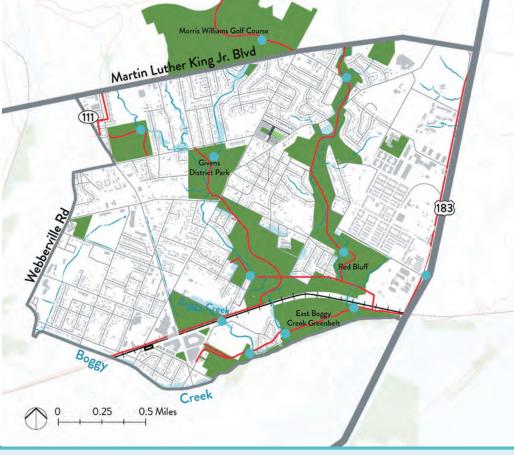


BEFORE

AFTER

Proposed Trail and Park Programming





Analysis

Site Selection

Strategies

Policies

Proposed Trail and Park Programming









Build on existing programming at Givens Park and provide additional local programming like:

- Potlucks and BBQ's
- Dog park
- Workout options
- Shaded areas and respite areas



Environmental signs along the trail

Strategies

IMPLEMENTATION

Final Park and Trail Map

New floodplain parks connect residents to recreational assets through new parks and trails and replace unsafe housing.

STRATEGIES

#

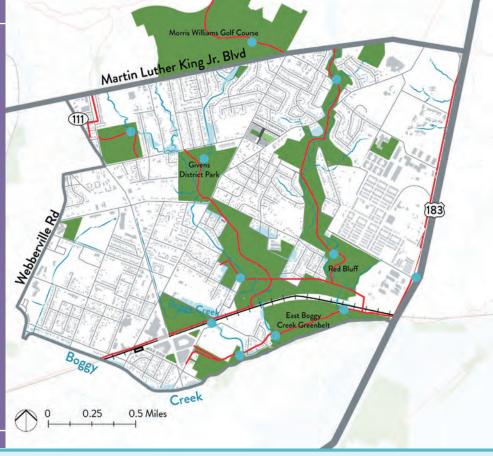
RECOMMENDATION



POLICIES

- Office of Housing Stability
- Community Rating System
- AISD Outdoor Program Expansion

COST PHASING \$\$\$ high cost long term



Analysis

Site Selection

Strategies

Policies

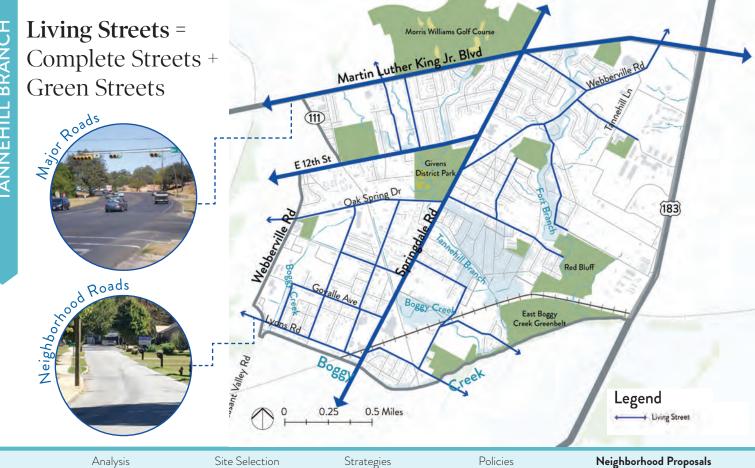


Combine safety and green improvements on new "Living Streets"



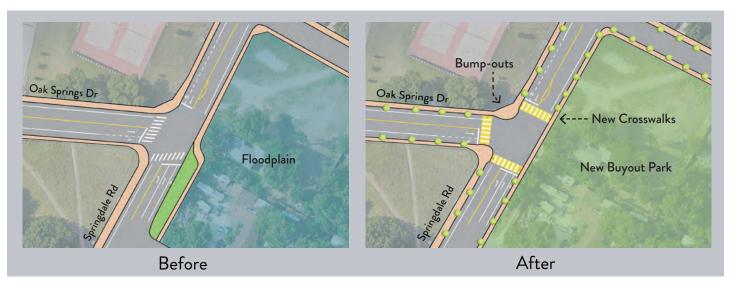
Analysis

Policies



Living Streets | Major Roads

Springdale Road

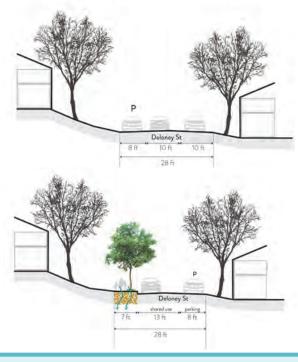


Site Selection

Strategies

Policies

Living Streets Neighborhood Roads





Analysis

Site Selection

Strategies

Policies

IMPLEMENTATION

Short-term Improvements

Living Streets create safer streets for all users - walking, biking, or driving - and improve water quality and quantity.

STRATEGIES

 \mathbb{Z}^{\pm}

RECOMMENDATION





POLICIES

COST

PHASING MEDIUM COST



Analysis

Site Selection

Strategies

Recommendation #3

Living History Walk

- Celebrate the history of African American and Latino culture.
- Highlight today's growing community.



Legend

Culture Walk Proposal Historical Legacy Landmark

Analysis

Site Selection

Living History Walk Community History



Martin Luther King Boulevard was named in 1975 from 19th Street



One of Austin's oldest and most famous Mexican families lives in Govalle.



Analysis

Site Selection

Strategies

Policies

Living History | A Walking Experience



Oakland Cemetery Tours | Atlanta, GA

In-person and dial-in audio tours that guide visitors through the African-American historic cemetery.



U Street Heritage Trail | Washington, DC

Large educational signs that lead visitors through the historic U Street neighborhood.



For The Record $| \, \mathsf{Long} \, \mathsf{Beach}, \mathsf{CA}$

Interactive signs that are capable of telling a brief tale or showing a video, all stored in the digital storehouse

Living History | Writing a New Narrative

Partner with local nonprofits to offer **programming** that highlights **cultural history** and helps a new generation to **create their own neighborhood narrative.**



Ancestral Roots Community Garden | Menlo Park, TN

Latino Festival | Culpepper, VA

Analysis

Site Selection

Strategies

Policies

IMPLEMENTATION

Living History

Points of interest honor important legacies for Austin and connect historic and present day affinity groups.

STRATEGIES



PARTNERS

- · Hispanic/Latino Quality of Life Initiative
- Emma S. Barrientos Mexican American Cultural Center
- George Washington Carver Library
- African-American Cultural & Heritage Facility

PHASING

• Six Square

COST

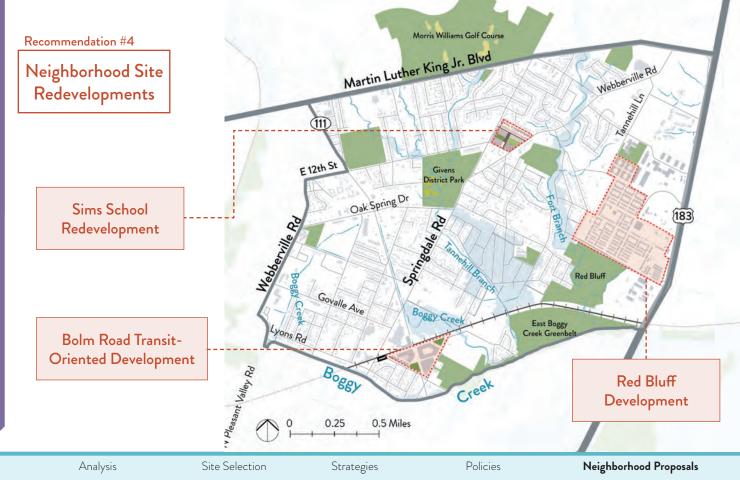
Morris Williams Golf Course Martin Luther King Jr. Blvd Webberville Rd Tennehill La (111) E 12th St Givens District Park Oak Spring Dr Springdale Rd 183 Webberville Rd Red Bluff Govalle Ave East Boggy Lyons Rd Creek Greenbelt N Pleasant Valley Rd Boggy Creek SHORT TERM 0.25 0.5 Miles

Analysis

LOW COST

Strategies

Policies





Redevelopment | Sims School

- Sims Elementary School is closing AISD to sell the parcel
- 14% population in this area is 65+
- Site is accessible by public transit (bus)







Analysis

Site Selection

Strategies

Policies

Redevelopment | Sims Grocery

- Grocery store
- Senior housing facility
- Resilient design (green roof, permeable pavement, small gardens)



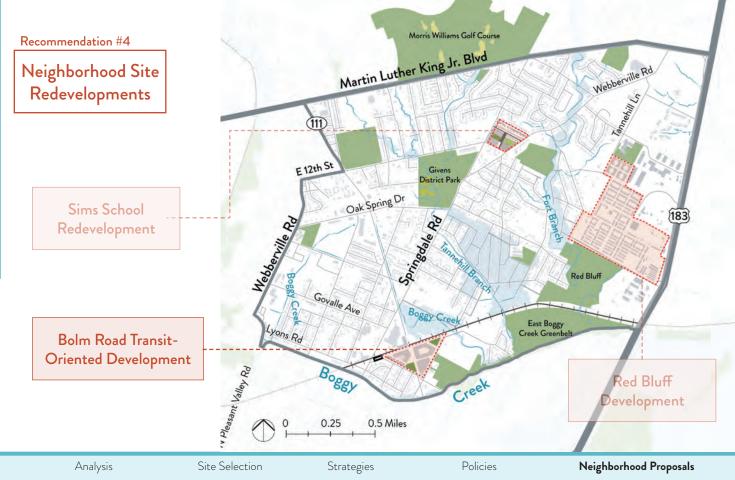


Analysis

Site Selection

Strategies

Policies



Redevelopment | Bolm Road

- Reactivate city-owned vacant parcel
- Proposed Green Line stop
- Imagine Austin Neighborhood Center





Analysis

Site Selection

Strategies

Policies

Redevelopment | Bolm Road

- Mixed-use center with apartments and retail
- Proposed neighborhood center with new local street connections
- New open space/park for recreation and stormwater management



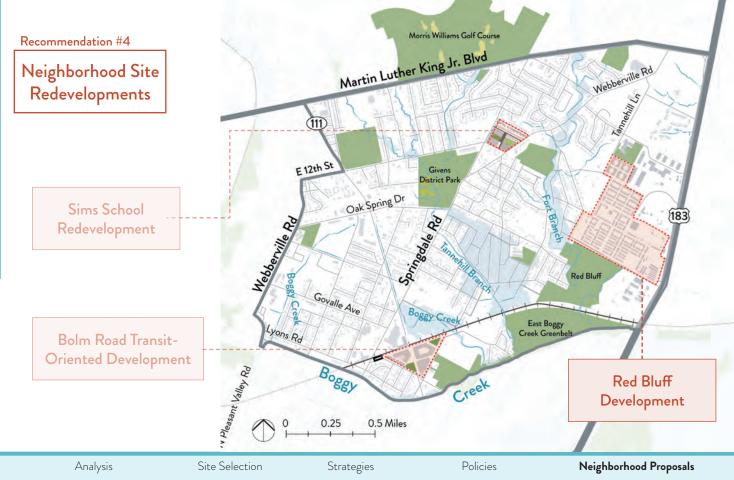


Analysis

Site Selection

Strategies

Policies



Redevelopment | Red Bluff

- Large collection of vacant parcels
- Can target area for buyout relocation
- New roads can improve west to east connectivity





Community Asset - Medical



Vacant Land





Analysis

Site Selection

Strategies

Policies

Redevelopment | Red Bluff

- New town center
- Retain assets
- New road construction to extend grid from west to east
- Offer first right of return to residents





Site Selection

Strategies

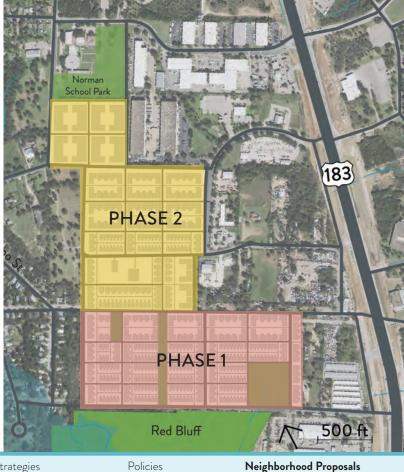
Redevelopment | Red Bluff

Phase 1:

Provide comparable homes for people • and families in the floodplain.

Phase 2:

Build out the neighborhood center and • continue to connect the neighborhood east to west.





Analysis

Site Selection

Strategies

REDEVELOPMENT OVERVIEW AND IMPLEMENTATION

Sims School Redevelopment



- House a growing aging population
- Provide needed food access

HIGH

Bolm Road TOD



- Capitalize on city-owned land and new transit line
- New neighborhood center •





Red Bluff Development



- Capitalize on vacant land
- Rehouse families in the floodplain in comparable homes

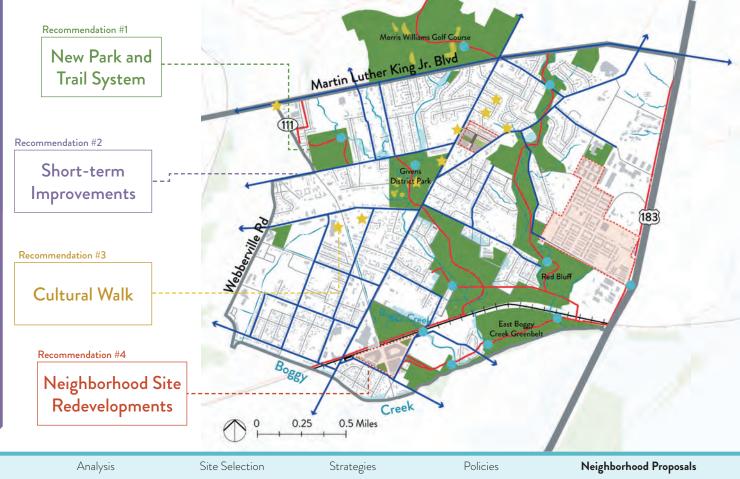


Analysis

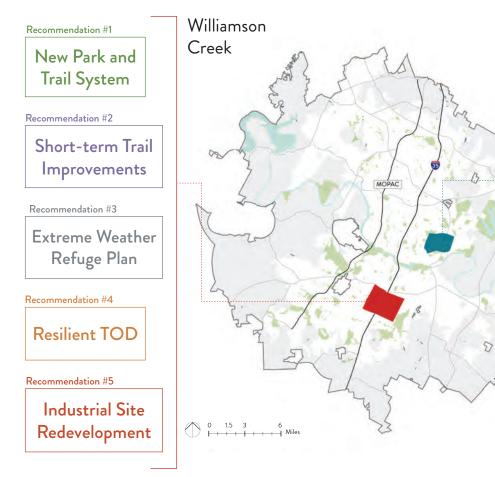
Site Selection

Strategies

Policies







New Park and **Trail System** Recommendation #2 Short-term Improvements Recommendation #3 **Cultural Walk** Recommendation #4 **Neighborhood Site** Redevelopments

Recommendation #1

Tannehill

Branch

Creek

Thank you!



Emily Blanton, Mary Eveleigh, Claire Jaffe, Joyce Liu, Yeana Kwagh, Natasha Tabachnikoff, Deno Wade, Ran Xin, Yuyang Yin, Yijing Zhang, Holly Zhang, Siyue Zhang