

## Clovis Urban Greening Plan

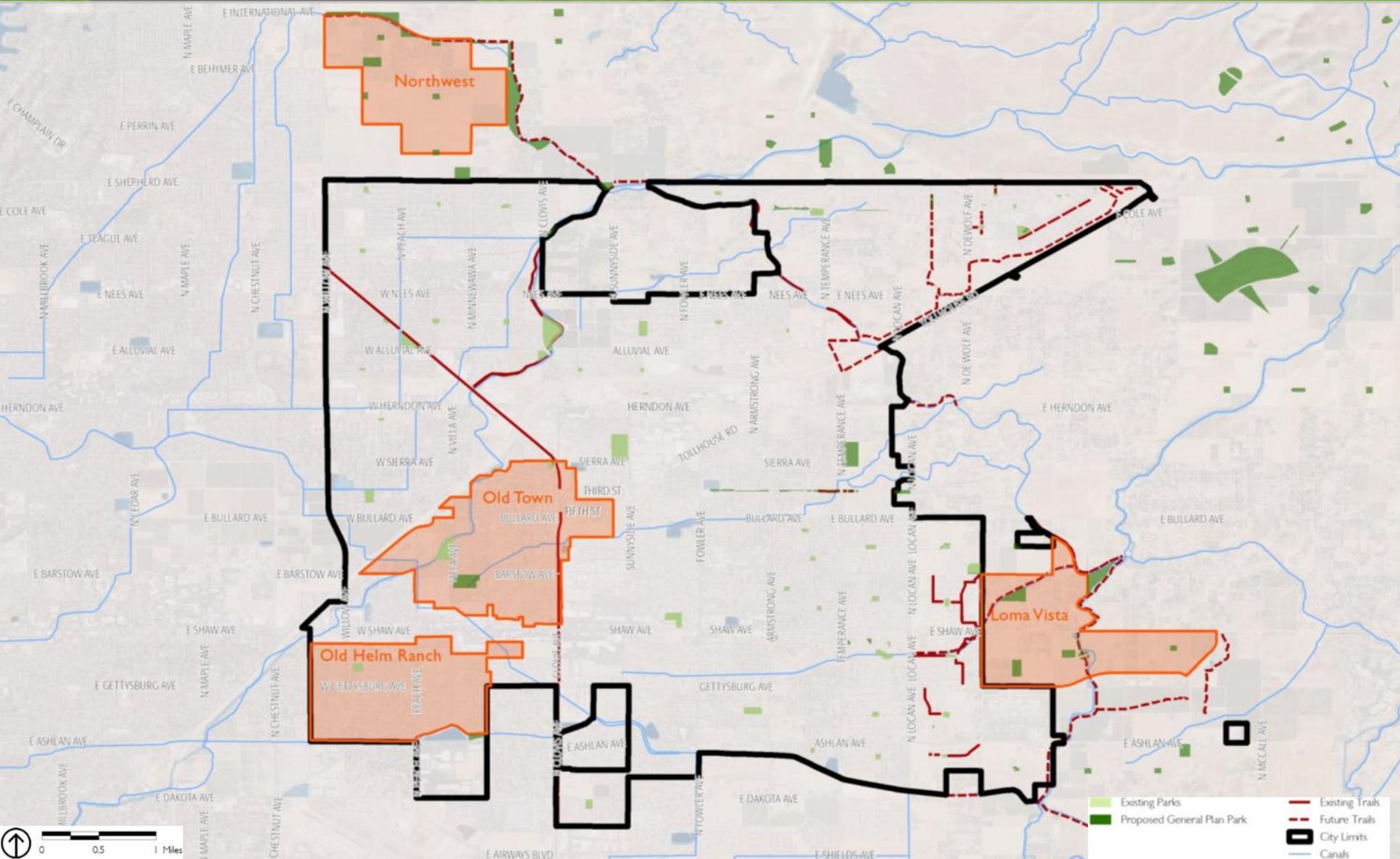
Round 1 Community Workshop #1 – Northwest

Thursday, May 15, 2014

# URBAN GREENING PLAN

- What is an Urban Greening Plan?
  - A guide to help the City to improve quality of life for residents
  - Identification of needs, opportunities and goals for creating a greener, more environmentally sustainable and livable City
  - Strategies to address identified goals
  - It is a plan and is opportunity-based – implementation over time

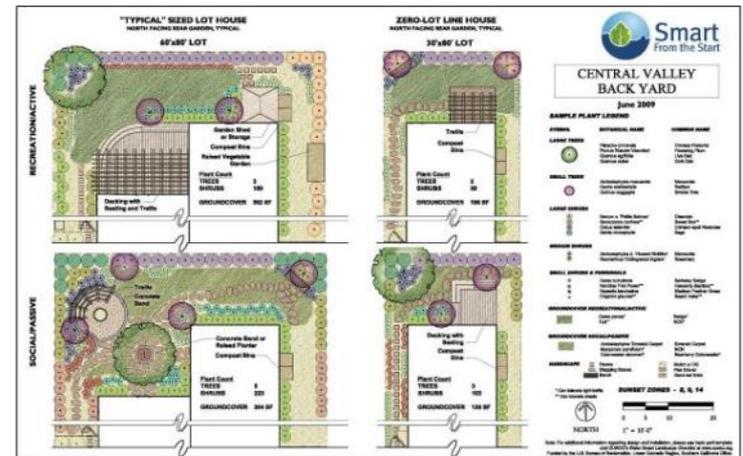
# CITY OF CLOVIS



- Existing Parks
- Proposed General Plan Park
- Existing Trails
- Future Trails
- City Limits
- Canals

# URBAN GREENING PLAN

- Smart growth strategy – near doubling of population in past 30 years – that provides a plan for:
  - More green space
  - Improved community connections
  - Maintainable plant palette and guidelines
- Improve air and water quality, reduce natural resource and energy consumption, and encourage healthy lifestyles



# BENEFITS OF URBAN GREENING

## ■ Environmental

- Improve stormwater management
- Recharge ground water
- Improve air and water quality
- Reduce urban heat island effect

## ■ Community Quality of Life

- Beautify urban sites
- Shade street users
- Facilitate walking and biking
- Encourage local access to fresh food
- Improve public health



# BENEFITS OF URBAN GREENING

- **Economic and Fiscal**
  - Reduce infrastructure costs
  - Economic development
    - Amenities for existing community members
    - Attract investment and economic activity
- **Other....**
  - Implement the City General Plan, Bicycle Transportation Plan, Parks Master Plan and other efforts



## DRAFT PROJECT GOALS

- Increase public health, community amenities and quality of life
- Improve government operations
- Implement recommendations from other planning efforts and plans
- Engage the community



## DRAFT PROJECT GOALS

- Educate the community and businesses
- Improve pedestrian experience
- Provide environmental benefits
- Implement sustainable development and smart growth strategies
- Maximize opportunities for partnerships



## POTENTIAL STRATEGIES

- Overall beautification and neighborhood identity through water conserving, low maintenance, and aesthetic plantings and street trees
- Provide shading to encourage walking and bicycling
- Identify opportunities to green up existing policies and practices
- Partner with community-based non-profits and local businesses on greening efforts



# IMPLEMENT RECOMMENDATIONS

- Urban Forest Resources Analysis
  - 2,512 available planting sites
- Bicycle Transportation Master Plan
  - Increase utilitarian and recreational uses of bike system
- Draft Parks Master Plan
  - New open space opportunities



## KEY ISSUES

- High summer temperatures and arid air conditions
- Water supply: current drought emergency/future limitations
- Exposed (i.e. not shaded) pedestrian and bicycle routes
- Limited Rights of Way
- Pedestrian and bicycle connectivity to parks and green spaces



## KEY ISSUES

- Limited City capacity for maintenance/O&M
- Rely on private land/residents for tree planting and maintenance
- ROW and maintenance limits for increasing street trees
  - Limit interference with overhead lines
  - Easily maintained
  - Prefer fewer shrubs and groundcover to easily mow under trees



## KEY ISSUES

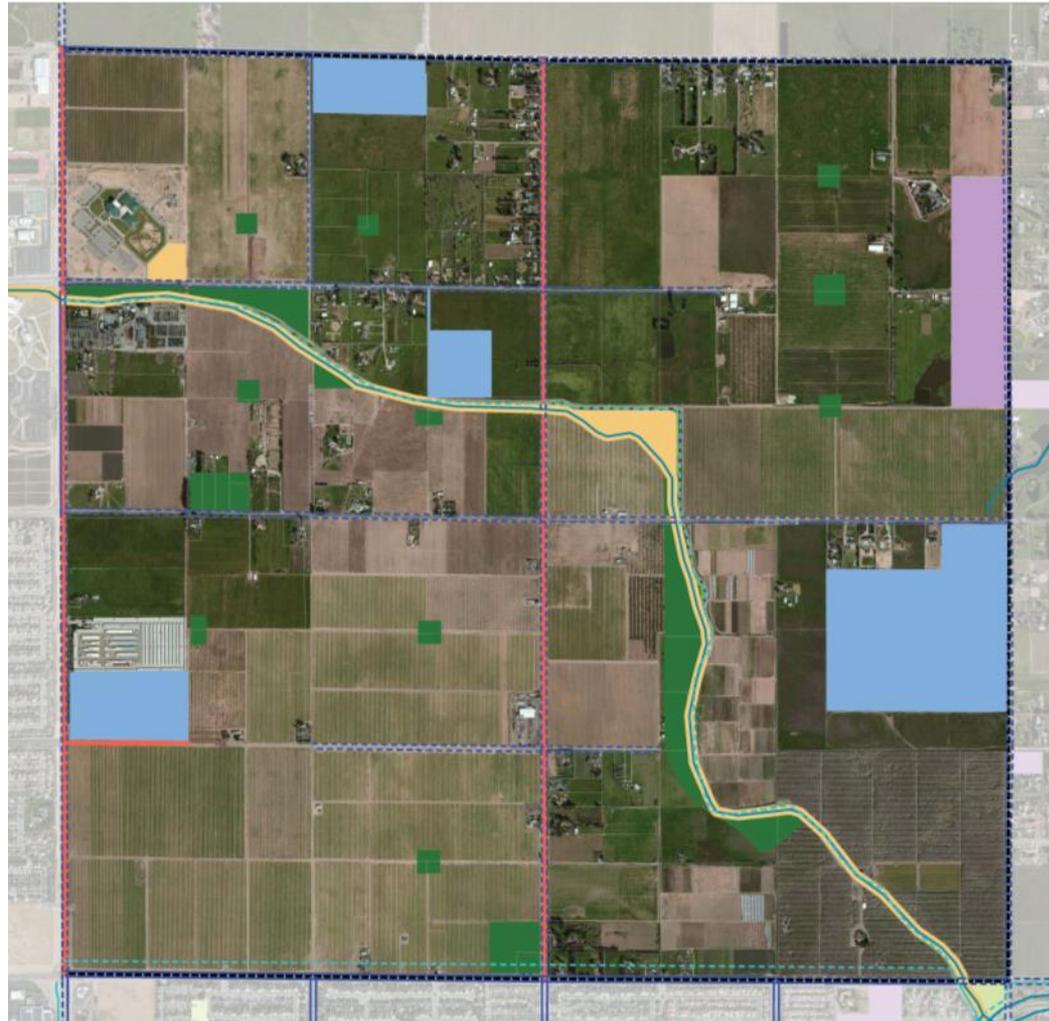
- Varied soils with duripan issues
- Population Growth
- Maintaining 4.9 acres/1,000 residents
- Connecting new areas to Old Historic Town through non-vehicular modes



## PRELIMINARY MAP OF GREENING OPPORTUNITIES

- Preliminary opportunities based on:
  - Preliminary observation
  - City-identified needs and opportunities
  - Available mapping data
- Map is preliminary:
  - Feasibility not yet evaluated
  - Will be revised to reflect additional input from:
    - Open house comments
    - Additional stakeholder and other input

# PRELIMINARY MAP OF GREENING OPPORTUNITIES



- Trails**
- Existing Trails
  - Future Trails
  - Existing Parks
  - Proposed General Plan Park
  - Vacant Lots
  - Canals

- Bike Lanes**
- Potential Intersection Improvements
  - Greening Street Opportunities
  - Greening Site Opportunities
  - Existing Class I
  - Planned Class I
  - Existing Class II
  - Proposed Class II
  - Proposed Class III

## PROJECT SCHEDULE 2014

- April 30: Round 1 community workshop –Helm Ranch together with Shaw Avenue Corridor Plan
- May 1: Round 1 community workshop – Old Historic Town
- May 14: Round 1 community workshop –Loma Vista
- May 15: Round 1 community workshop - Northwest
- May – July: Update comprehensive map of opportunity sites
- May – July: Refine goals and strategies, draft Urban Greening Plan
- July/August: Round 2 community workshops

## PROJECT SCHEDULE 2014

- September: Round 3 community workshops for Helm Ranch and Old Historic Town
- October/November: Review hearings
- December: Publish Final Plan

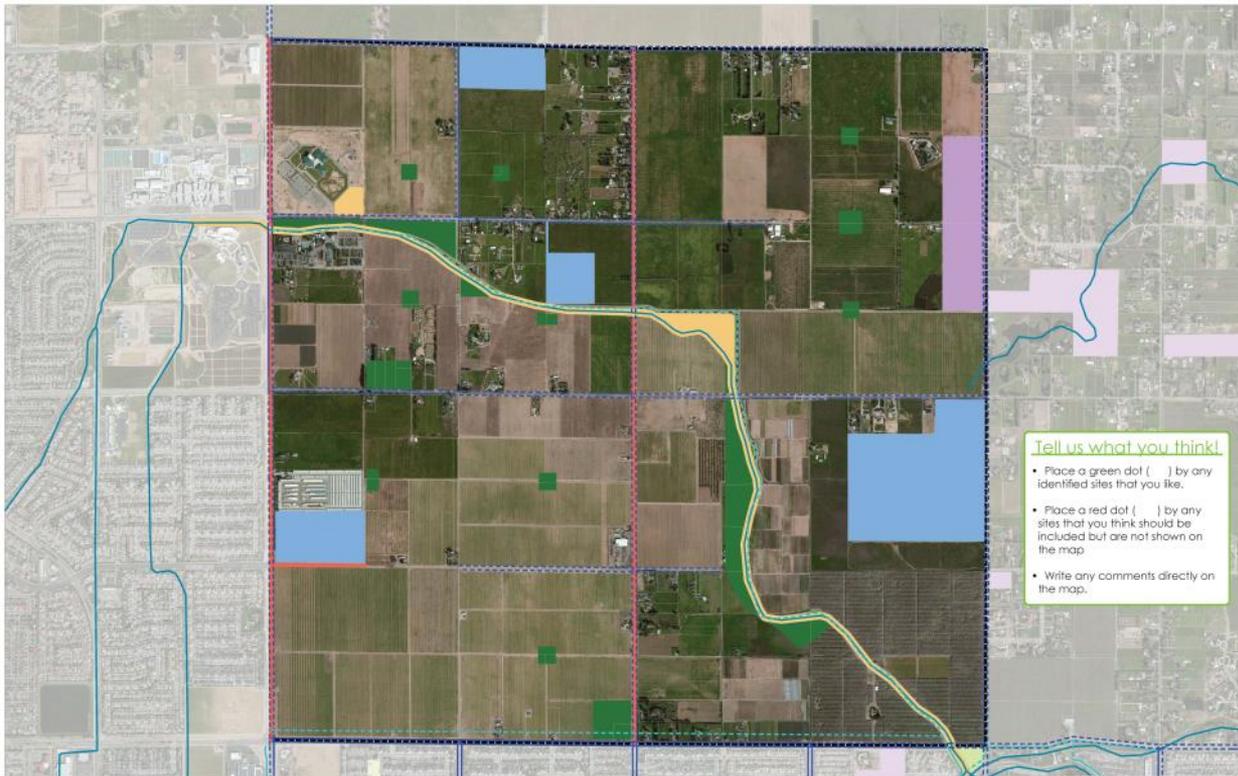
## OVERVIEW OF TODAY'S OPEN HOUSE

- Open House Topic Stations
  - Urban Greening Needs
  - Circulation
  - Goals and Strategies
  - Plant Palette and Street Trees

# Opportunity Sites and Neighborhood Character

## URBAN GREENING opportunities in Northwest

**DRAFT**



**Tell us what you think!**

- Place a green dot ( ) by any identified sites that you like.
- Place a red dot ( ) by any sites that you think should be included but are not shown on the map.
- Write any comments directly on the map.



- Potential Intersection Improvements
- Greening Street Opportunities
- Greening Site Opportunities

- Bike Lanes**
- Existing Class I
- Planned Class I

- Existing Class II
- Proposed Class II
- Proposed Class III

- Trails**
- Existing Trails
- Future Trails

- Existing Parks
- Proposed General Plan Park
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## URBAN GREENING OPPORTUNITIES

PLACEWORKS

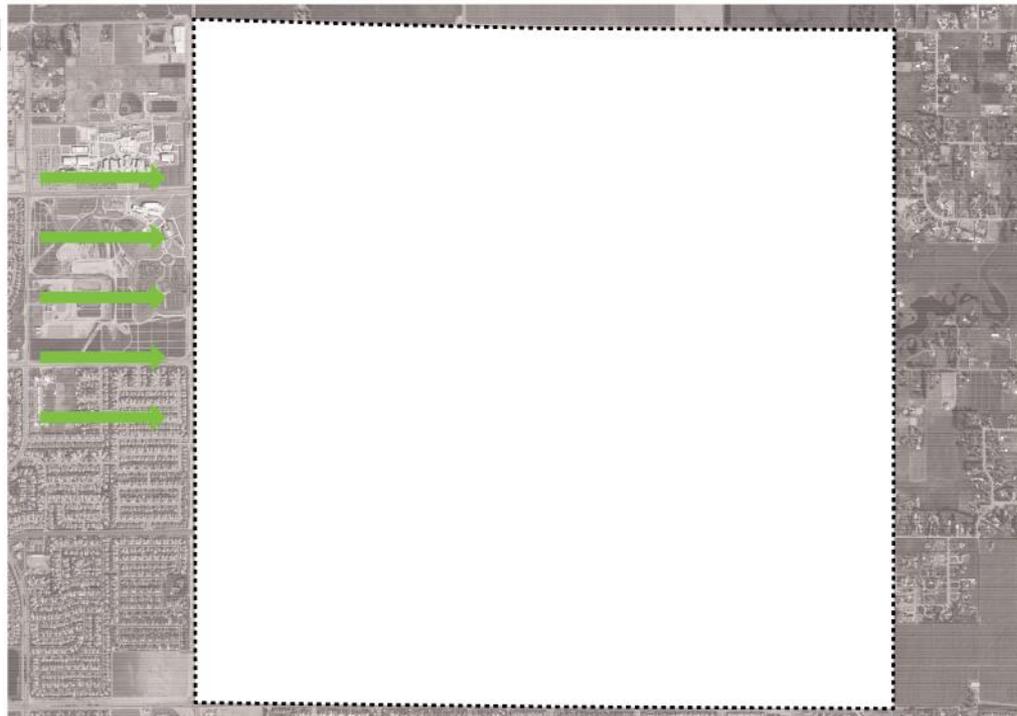
# Opportunity Sites and Neighborhood Character

**URBAN GREENING** considers the unique conditions of urban neighborhoods.

**WHAT IS [OR SHOULD] THE CHARACTER OF NORTHWEST [BE]?**



Inside the neighborhood boundary, write any words that you think describe your neighborhood and any special qualities that you think could make it unique.



**WHAT IS URBAN GREENING?**

# Greening Opportunities

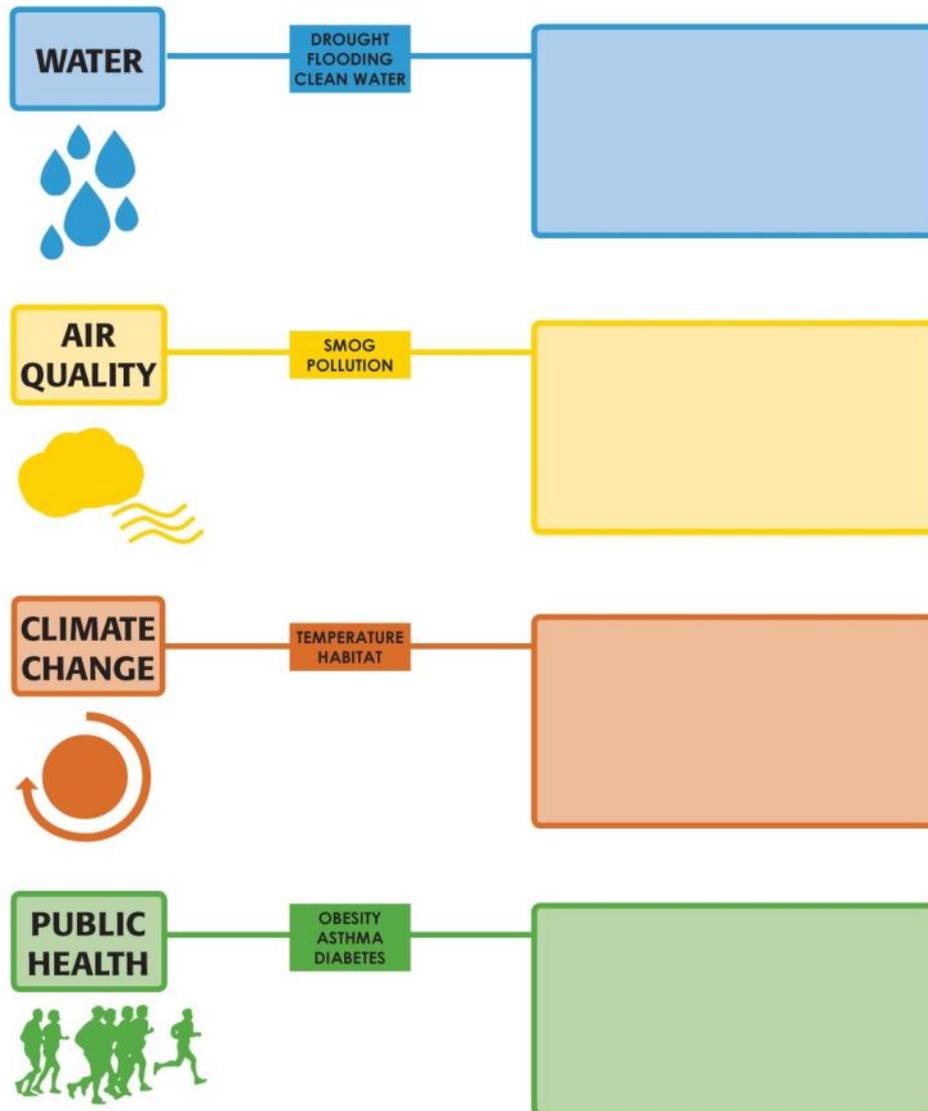
- Two votes

**URBAN GREENING** improves environmental conditions.

## ENVIRONMENTAL ISSUES

**WHAT CONCERNS YOU MOST?**

put a sticker in the box for the issue you are most concerned about.



**URBAN GREENING OPPORTUNITIES**

# Greening Opportunities

- Three votes

**URBAN GREENING** improves environmental conditions.

## Urban Greening Strategies

**WHAT WOULD YOU LIKE TO SEE MORE OF IN CLOVIS?**  
put a sticker in the box you like

### STREET TREES & PLANTING



VOTE HERE

### PARKS AND OPEN SPACE



VOTE HERE

### WATER EFFICIENT PLANTING



VOTE HERE

### RAINGARDENS AND SWALES



VOTE HERE

### COMMUNITY GARDENS



VOTE HERE

### ALTERNATIVE TRANSPORTATION



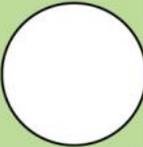
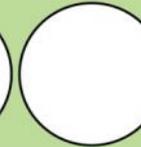
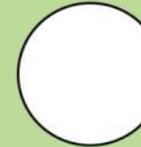
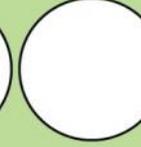
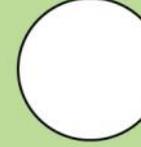
VOTE HERE

### HABITAT RESTORATION



VOTE HERE

### OTHER (PLEASE WRITE YOUR OWN STRATEGIES BELOW)



**URBAN GREENING OPPORTUNITIES**

# Goals and Strategies

- Three votes

## URBAN GREENING goals and strategies.

### URBAN GREENING GOALS

#### INCREASE PUBLIC HEALTH, COMMUNITY AMENITIES AND QUALITY OF LIFE

Create new green space  
 Increase access to existing green space  
 Draw residents outdoors with pedestrian linkages and trails  
 Green the corridors  
 Provide shading to encourage walking and bicycling  
 Provide buffers from streets to encourage walking  
 Overall beautification and neighborhood identity through plantings  
 Increase access to affordable, fresh food  
 Encourage healthy eating habits through agricultural education  
 Improve food security with local agriculture  
 Green parking lots

#### IMPROVE GOVERNMENT OPERATIONS

Improve stormwater management (adding to permeability to reduce stormwater flow to pipes and canals would be a positive; identify opportunities for:  
 "Green Streets" pilot projects; install permeable pavers, remove asphalt/concrete and providing planting/bioswales/rain gardens)  
 Identify opportunities to green existing policies and practices  
 Design for minimum maintenance  
 Water-efficient planting guidelines for streets, sidewalks, trails, and paseos

#### IMPLEMENT RECOMMENDATIONS FOR PREVIOUS PLANNING EFFORTS

Urban Forest Resources Analysis;  
 2,512 available planting sites  
 Bicycle Transportation Master Plan;  
 Increase utilization and recreational uses of bike system  
 Parks Master Plan;  
 New open space opportunities

#### ENGAGE THE COMMUNITY

Promote long-term stewardship  
 Support community development and empowerment  
 Partner with community-based non-profits and local businesses on greening efforts

## URBAN GREENING goals and strategies.

#### EDUCATE THE COMMUNITY AND BUSINESSES

Provide information about conservation and the multiple benefits of urban greening  
 Support environmental and agricultural education  
 Inform the public about 2010 Local Water Efficiency Ordinance  
 Inform the public about Tree Protection Standards in updated City Development Code

#### IMPROVE PEDESTRIAN EXPERIENCE

Safe, accessible, and sustainable streetscapes  
 Increase activity on and around affected corridors  
 Pedestrian access from residential neighborhoods to everyday goods and services

#### PROVIDE ENVIRONMENTAL BENEFIT

Improve air quality  
 Improve water quality/stormwater management  
 Encourage Fresno Irrigation District to Restore habitat in channel corridors or provide wildlife habitat  
 Reduce greenhouse gas emissions  
 Promote alternative transit: Biking, Walking, Public Transit  
 Increase urban forest or improve with more beneficial trees  
 Reduce energy needs  
 Reduce urban heat island effect  
 Adapt to climate change

#### IMPLEMENT SUSTAINABLE DEVELOPMENT AND SMART GROWTH STRATEGIES

Improve opportunities for less fossil fuel dependent transit  
 Reduce vehicle miles traveled by encouraging use of existing and development of additional pathways connecting activity center  
 Offset impact of increasing impervious surfaces  
 Provide water Efficient Plant Palette for new development

#### MAXIMIZE OPPORTUNITIES FOR PARTNERSHIPS

Tree Fresno  
 Fresno Metropolitan Flood Control District (FMFCD)  
 Clovis Botanical Garden  
 Clovis Rodeo  
 Clovis Unified School District (CUSD)  
 Building Industry Association  
 Clovis Community Foundation  
 Fresno County Health Department  
 Clovis Chamber of Commerce  
 Fresno Irrigation District  
 Climate Change Institute at Fresno State



## WHAT IS URBAN GREENING?

# Street Trees and Plant Palette

- One vote per vertical image pair

**URBAN GREENING** increases trees and plants.

## PLANT PALETTE - VISUAL PREFERENCE



A MIX OF DIFFERENT TREES

OR



GROUPINGS OR STREETS WITH THE SAME TREE



SMALL SIZE

OR



LARGE SIZE



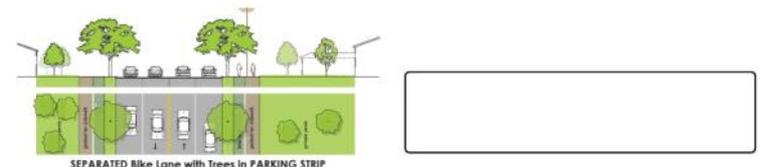
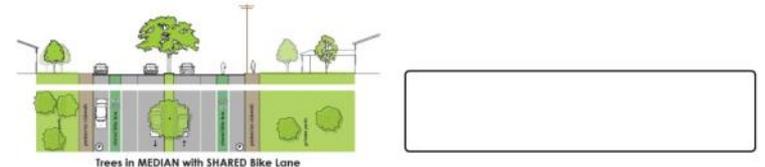
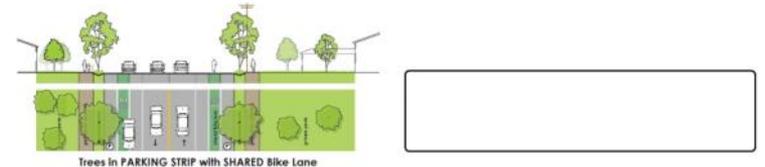
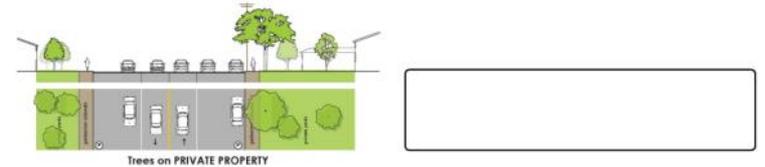
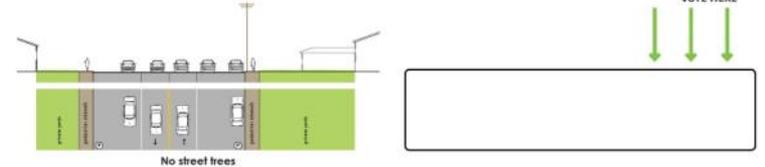
**WHAT IS URBAN GREENING?**

# Street Trees and Plant Palette

- One vote

**URBAN GREENING** increases trees and plants.

WHICH STREET DO YOU LIKE BEST?



WHAT IS URBAN GREENING?

# Street Trees and Plant Palette

**URBAN GREENING** considers access and circulation.

- One vote

## TRAIL PALETTE - ACCESS PREFERENCE



OPEN, NATURALISTIC



ENCLOSED, FORMAL, PAVED



SEMI-ENCLOSED, PAVED, MEANDERING



**WHAT IS URBAN GREENING?**

# Street Trees and Plant Palette

- Two votes

**URBAN GREENING** increases trees and plants.

## PLANT PALETTE

	evergreen		deciduous				
							
	<input type="text"/>	<input type="text"/>					
	conifer	broadleaf	palm	multi-stem	columnar	branching	SHAPE
							
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	dark green	light green	FALL COLORS				COLOR
							
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
	edible fruit	small flowers	large flowers				FLOWERS
							
	<input type="text"/>	<input type="text"/>	<input type="text"/>				

TREES



WHAT IS URBAN GREENING?

