

# **Award-Winning Sustainability 2019**

## **(Part 2 of 2)**

For the presentation from Part 1, please visit  
<https://apascd.wordpress.com/webinars/>



*December 6, 2019*  
*CM | 1.5 (live viewing only)*



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# Division Information

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## Contact

**Website:** [planning.org/divisions/sustainable](http://planning.org/divisions/sustainable)

**Blog:** [sustainableplanning.net](http://sustainableplanning.net)

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# 2020 Awards Overview

- **Deadline:** 5pm ET, January 18, 2020
- **Information packet** at [sustainableplanning.net](https://sustainableplanning.net) and [planning.org/divisions/sustainable/awards/](https://planning.org/divisions/sustainable/awards/)

The image shows the cover of the '7th Annual Awards for Excellence in Sustainability Information Packet'. At the top left is the APA logo (American Planning Association Sustainable Communities Division) with the tagline 'Making Great Communities Happen'. The title 'SEVENTH ANNUAL AWARDS FOR EXCELLENCE IN SUSTAINABILITY' is prominently displayed in blue. Below the title is a grid of six small images: a group of cyclists, people working in a field, people at a table, a bridge, a modern building, and a group of people in a meeting. At the bottom, there is a blue box with white text: 'Honoring projects, plans, policies, individuals, and organizations whose work is dedicated to supporting and growing sustainable communities.' To the right of this box is another blue box with white text: '7th Annual Awards for Excellence in Sustainability Information Packet'. The date 'November 2019' is printed at the bottom right.





# Process

- **Submission via web form**
  - Word template provided on the website
- **New for 2020**
  - Revised categories
  - Clarified scoring structure

**APA**  
Sustain

## Seventh Annual Awards for Excellence in Sustainability

### Nomination Form

The Sustainable Communities Division (SCD) of the American Planning Association is pleased to announce the opening of the nomination period for the Seventh Annual Awards for Excellence in Sustainability.

Before you continue, **PLEASE REVIEW** the information below:

1. Entries will be accepted no later than 5:00 p.m. (EST) on Saturday, January 18, 2020.
2. Please review the [full information packet](#), including eligibility requirements, before you begin. (The link goes to the SCD website.)
3. You must fill out the form all at once (i.e., you cannot save and come back).
4. We suggest you utilize the Word template (found on the [SCD website](#)) to prepare the text that you will need to provide prior to starting the form.
5. If you submit the form once and would like to re-submit before the end of the nomination period, please feel free to do so. We will review only the most recently-completed form.
6. We will keep track of any FAQs and process updates on the blog site (<https://apascd.wordpress.com/awards/>). If you would like to be directly notified of any updates, please send an email to the awards coordinator at [jenniferk@rhiplaces.com](mailto:jenniferk@rhiplaces.com), with the subject line "SCD Award Updates".
7. Questions or issues related to your submission should be directed via email to the SCD Awards Coordinator: Jennifer Koch, AICP, [jenniferk@rhiplaces.com](mailto:jenniferk@rhiplaces.com).

\* I've read the above and I'm ready to complete the nomination form!

Yes

Progress bar: 10% complete

Next



# Nine Categories

---

- Community Plan
- Municipal, State, or Regional Plan
- Energy Plan or Project
- Policy, Law, or Tool
- Park, Recreation, or Open Space Plan or Project
- Green Infrastructure Plan or Project
- Transportation Plan or Project
- Urban Design Plan or Development Project
- Leadership in Sustainability



## Notice of Updates or Clarifications

- ⦿ We will keep track of **FAQs** here:  
[apascd.wordpress.com/awards/](https://apascd.wordpress.com/awards/)
- ⦿ If you would like to be directly notified of any substantial updates, please send an email to the awards coordinator (jenniferk@rhiplaces.com), with the subject line "SCD Award Updates"



# Today's Event

## Award-Winning Sustainability 2019 (Part 2 of 2)

### Building a Better Norfolk: A Zoning Ordinance for the 21st Century

○ **Jeremy Sharp, AICP** | Zoning Administrator, City of Norfolk, VA

### Los Angeles County Master Plan for Sustainable Parks and Recreation, Phase I

○ **Clement Lau, AICP** | Departmental Facilities Planner, County of Los Angeles  
Department of Parks and Recreation

### Sustainable Design Assessment Team (SDAT) Program

○ **Joel Mills** | Senior Director, American Institute of Architects Center for  
Communities by Design



The American  
Institute  
of Architects



# The Sustainable Design Assessment Team (SDAT) Program





# Greetings from Washington, DC







## What is an SDAT?

The SDAT program brings together interdisciplinary teams of volunteer professionals to work with community members in an intensive public process.









**“Thanks in part to your superb efforts, we have concrete proof that group facilitation and group process methodologies yield significant, measurable results”**



**“A replicable set of values and a process that can be broadly applied to urban design and sustainable communities; and the development of a participatory culture and applied values that explicitly recognize the central place of the public in the design of the built environment.”**

# What the Data Tells Us – US Example

- **American Planning Association (2012)** – “More than 50 percent want to personally be involved in community planning efforts, including more than half of Democrats, Republicans, and independents as well as majorities of urban, suburban, and rural respondents.”
- **Bloomberg Philanthropies American Mayors Survey (2018):** “While nearly all mayors engage in informing residents (e.g. press releases, social media), only 26 percent engage in crowdsourcing new ideas. Comparing the types of activities cities use to engage residents, they are most likely to be passive or expecting people to react to something the city has already done. Active engagement, particularly involving citizens to help solve city problems, is *not* regularly adopted by mayors.”
- **National League of Cities survey of U.S. Cities (2010)** - 81 percent use public engagement processes "often" (60 percent) or "sometimes" (21 percent)

# The Fight for Urban Democracy Today

## autocrats: Public Relations

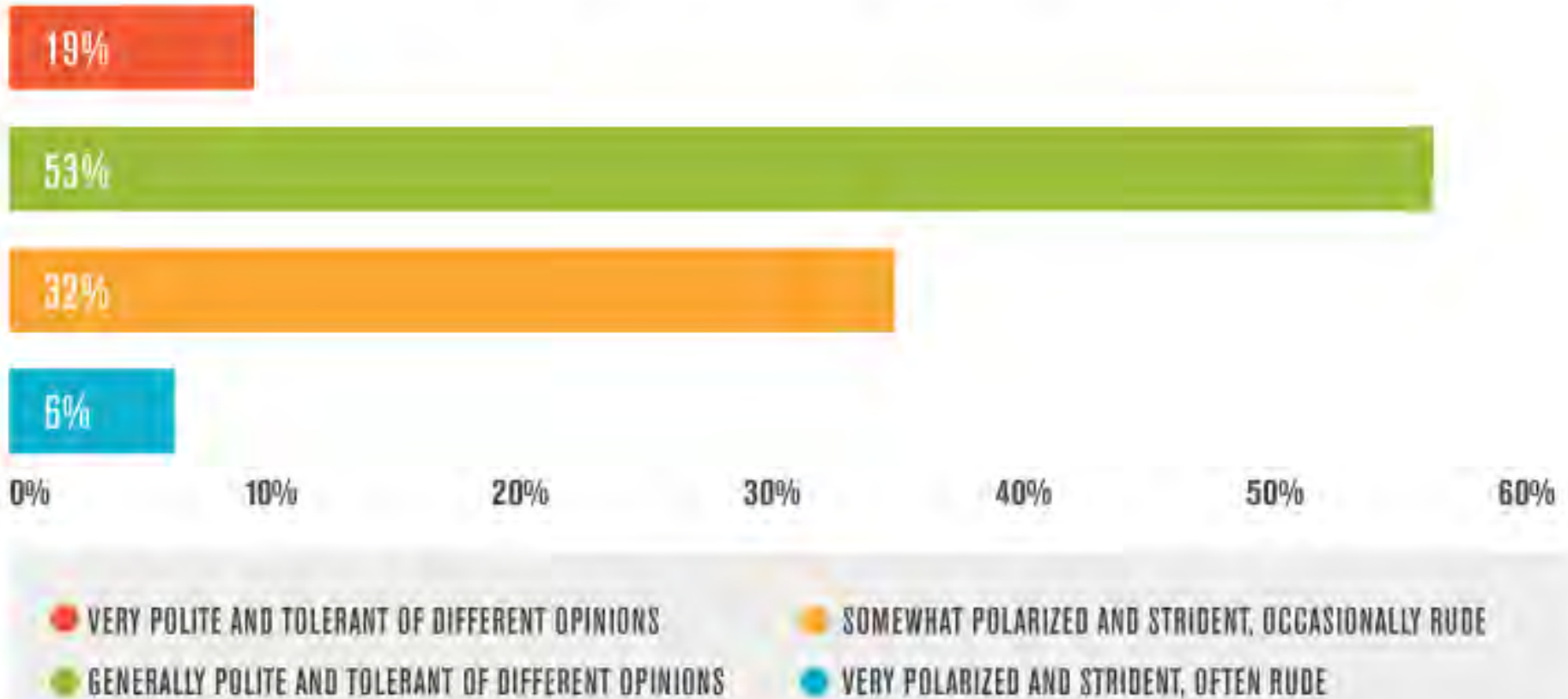
- Sponsors decide on a course of action and then attempt to sell it to the public.
- people can feel manipulated and suspicious
- often hinders them from thinking effectively about problems and challenges because it avoids exposing them to the full dialogue.
- PR seeks **“buy-in”**

## democrats: Public Participation

- Sponsors engage public on the front end in dialogue to help understand the pros and cons of different actions and seek input, consultation, involvement, collaboration
- Builds common understanding of the issue and decision by hearing and understanding all viewpoints and information
- P2 seeks ***meaningful involvement***

# A failure of democracy

**Figure 2.** Percent of Respondents Who Described Civic Discourse in Their Community.



International City/County Management Association (ICMA) Survey



# How Planning Conflicts Get Framed Today

## PEOPLE

## EXTRA

Water-Skier Takes Break From Holding Onto Crossbar To Greet Those Not Currently Water-Skiing page 7B

# Shitty Neighborhood Rallies Against Asshole Developer

CHICAGO—Residents of the Carney Gardens neighborhood on Chicago's South Side are opposing an effort by asshole real-estate developer Royce Messner to build a godawful \$45 million strip mall and condominium complex in the crime-ridden shithole they call home.

The Save Carney Neighborhood Foundation, the most organized non-criminal group in this part of town, has filed a lawsuit in federal court to block the scheduled April 2008 groundbreaking. While halting the project would surely prevent a tragic urban-planning nightmare, it would also mean keeping the run-down, economically depressed community exactly as it is.

"Carney is where I was born and raised, and it remains a tight-knit community," said Foundation chairman Althea Hynes at a fundraising block party held Monday on a broken bottle-and-condom-strewn stretch of Carney Avenue where the money-grubbing Messner wants to put a soulless indoor food court. "Lots of young kids still play in the empty lots around here."

Messner, 54, a three-time Chicagoland "Builder of the Year" and all-time unbelievable scumbag who made his fortune in the 1990s converting public parks and cheap, blighted properties into high-rise luxury residences, is seeking to "revitalize" Carney Gardens by razing it and replacing it with a damned cookie-cutter mixed commercial-residential development that would benefit no one who lives there now.

"What people like this can never get through their heads is the fact that progress isn't always painless," the rapacious bastard said, as if he were not talking about driving thousands



said Hynes, as if living in a filthy, dangerous joke of a city was some kind of affront to her standards.

Urban planning experts say that any opposition to the colossal asshole faces an uphill battle, as Carney Gardens has been a wart on the ass of Chicago for too long. Despite this, it seems that the determined Save Carney group will not abandon its hope of rejecting the only development proposal their hopeless pit will see in the next two decades.



Residents march to protect their beloved, execrable squalor (left). Unrepentant prick Messner (above).

"Poor communities are at a disadvantage against this type of developer, who speaks the language of City Hall," said Jackson Eisenberg, an architecture professor at Loyola University who has studied

pestilential hellhole or not, is the only home they've ever been able to afford. "They complained about the expressway over their heads too, but its easy-on, easy-off access makes Carney Gardens a prime area for development. Once we get a few more chain restaurants in that area, the whole economy will turn around."

A hellish 16-block stretch of burned-out buildings and howling poverty, Carney Gardens has never recovered from its economic

just allow Messner to squat his bloated fat-cat ass over their neighborhood and dump a big concrete-and-glass yuppie turd onto everything they've ever known.

"There's no way this city can allow some developer to just come in here and ruin our community," said liquor store owner Carlos Jimenez, demonstrating willful ignorance of Chicago history, the conditions immediately outside his door, and even his role in Carney Gardens' downfall.

the effects of short-sighted, profit-oriented renewal and gentrification on dozens of crap areas. "It's the same dilemma faced by the working-class [losers] in [rotten-ass] urban neighborhoods across America. As a [shrivel-dicked] businessman looking for a lucrative investment, [evil] Messner sees a ripe opportunity here."

Mayor Richard M. Daley has yet to speak publicly about whether he

*Skeptical? Take the Google Challenge – run a search on “public meeting ends in chaos” or any similar terms and you will find a world of public participation disasters occurring.*



## NIMBY Reaction Is Costing the US Trillions

Written by Richard Vermeulen  Created: 18 January 2018



"NIMBY has delayed, killed, or inflated the expenses of more than 500 projects nationwide over the last decade at a cost to the economy of more than \$1 trillion annually..." [FORBES conservatively](#)

## The War Against NIMBYs

"NIMBYism – not-in-my-backyard – is rampant in California, sometimes erupting extemporaneously in response to development proposals, sometimes driven by misguided environmentalism." – *Sacramento Bee*

**Bad Process** is costing the US Trillions

# Local democracy's death-cycle narrative

- Bad public processes...public expectations for meaningful participation unmet...conflict and civic frustration...loss of trust...apathy and declining participation by general public...dominance of extreme/activist voices and narrow interests...decline of civil dialogue...politicization and personalization of conflict...state of distrust, conflict, uncivil dialogue....government fear of public participation, civic anger...less participatory processes...increasing civic anger...loss of community and social capital...loss of faith in democratic institutions...loss of participatory traditions...loss of healthy democracy.

# Lessons Learned

*Communities with trust issues require more intensive engagement, higher levels of involvement*





# Commonly heard in communities today

“We have a unique community here. What works other places won’t necessarily work here.”



“We don’t need another plan. Please don’t build us a plan. We have plenty of them – they all sit on the shelves. We need help with strategies to implement.”







**MOMENTUM**  
**MOMENTUM**  
**MOMENTUM**  
**MOMENTUM!**



# Brief Examples of Context/Scope

- Austin, TX (2012)
- Indianapolis, IN (2009)
- Louisville, KY (2016)
- St. Helens, OR (2014)
- Dubuque, IA (2008)
- Portland, ME (2009)
- Sipaulovi Village, AZ (2012)
- Healdsburg, CA (2018)
- Jeffersonville, IN (2018)
- Burlington, NC (2018)
- Lubbock, TX (2018)





# Port Angeles, WA SDAT (2009)







# Port Angeles:

- ~14 sq. miles, including 4 sq. miles of water
- Former timber town
- 2.5 hours from Seattle
- ~20k Population
- Gateway to Olympic National Park & Victoria, BC
- Natural deep water harbor





# Immediate Implementation

1. Downtown parking study.
2. Increase downtown housing opportunity.
3. Form based codes.
4. Revise downtown parking regulations.
5. Return the Farmer's Market to the downtown.
6. Signage and wayfinding system.
7. Improve existing buildings.
8. Provide visitor information kiosks.
9. Create an entryway monument.
10. Create nodes / centers of key intersections.

A Walking Tour of  
Painting Port Angeles  
**OUR COMMUNITY  
AT WORK**



# Primary Achievements

- Façade Improvement Program





### Applications:

Applications are available on the City website or at City Hall, 321 E 5th Street.

Along with their application, applicants must be able to provide detailed graphics of proposed improvements, property owner consent (if different from applicant), estimated project budget and time required, and additional material requested by staff.

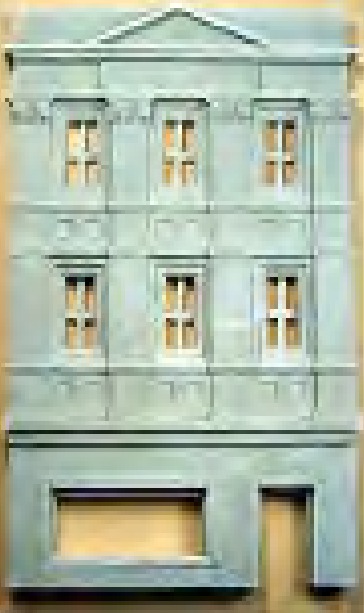
Final award decisions are made by the Planning Commission.

Department of Community and Economic Development

City of Port Angeles

# Facade & Signage

## Grant Program



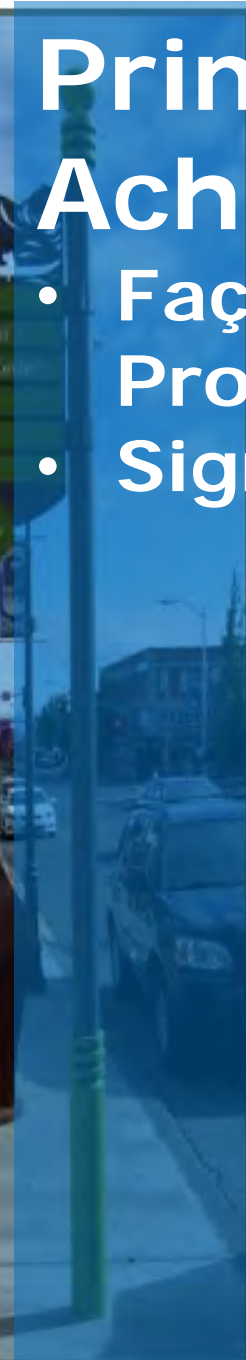
Program Contact:  
Robertta Korcz

360.417.4804  
rkorcz@cityofpa.us



# Primary Achievements

- Façade Improvement Program
- Signage & Wayfinding





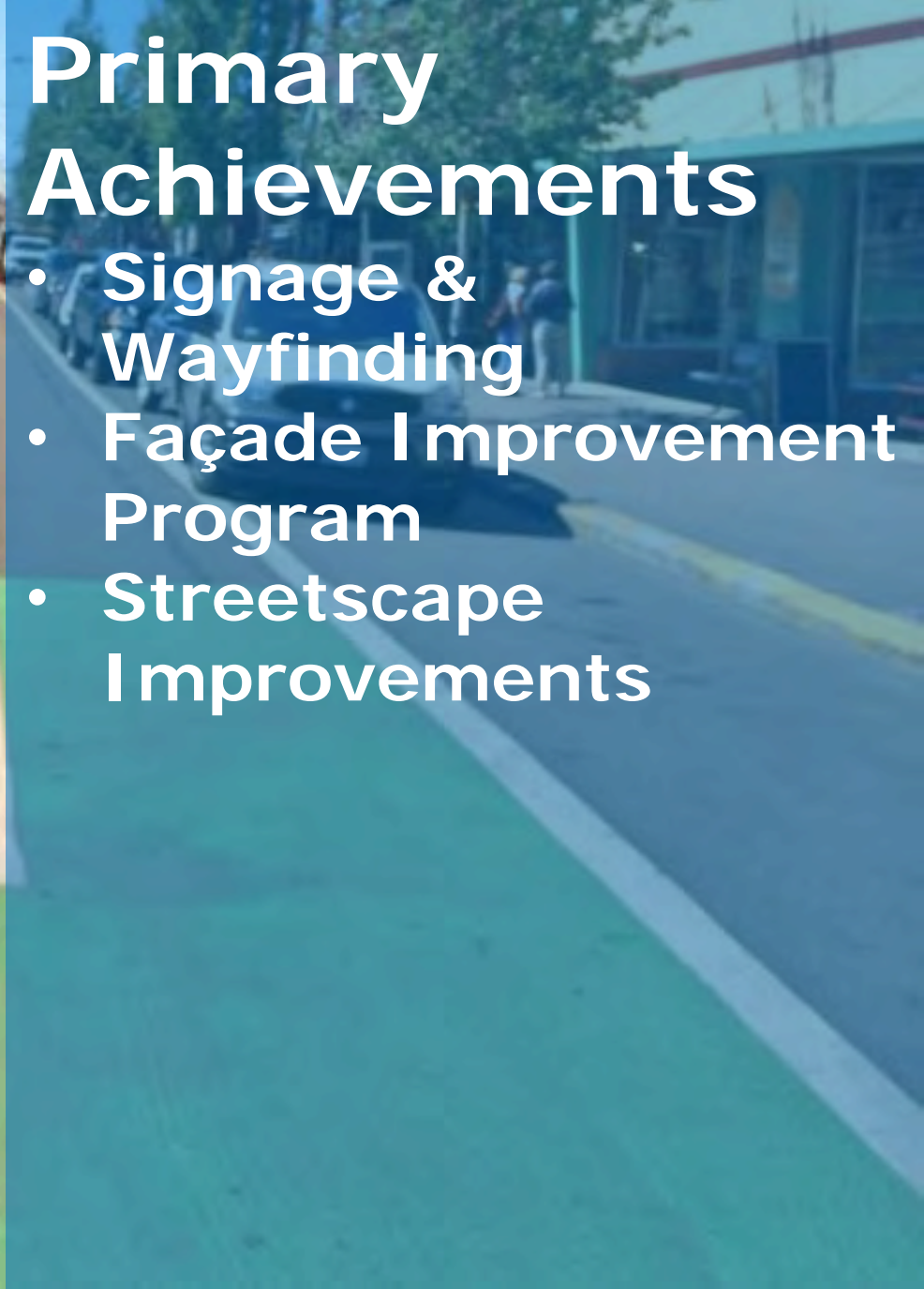


# Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements

03/10/2009





# Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements



# Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements
- Waterfront Redevelopment



# Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements
- Waterfront Redevelopment



LIVE BRAVELY

# Outside

## The 16 Best Places to Live in the U.S.: 2015

### 2. Port Angeles, Washington



planning.org/nr/15

## Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements
- Waterfront Redevelopment
- 59% Tourism increase since 2009





# Primary Achievements

- Signage & Wayfinding
- Façade Improvement Program
- Streetscape Improvements
- Waterfront Redevelopment
- 59% Tourism increase since 2009
- Average 48 new commercial occupancies/year



**“Through the SDAT process, our community established a detailed implementation plan for positive change towards a sustainable future. Ten years after the SDAT, there continue to be new success stories which include improved public access to our waterfront and over sixty façade improvements integrated by a large number of area businesses. All the success stories visually illustrate SDAT’s direct benefit to our community.”**  
**- Nathan West, Port Angeles City Manager**





# Helper, UT SDAT (2017)







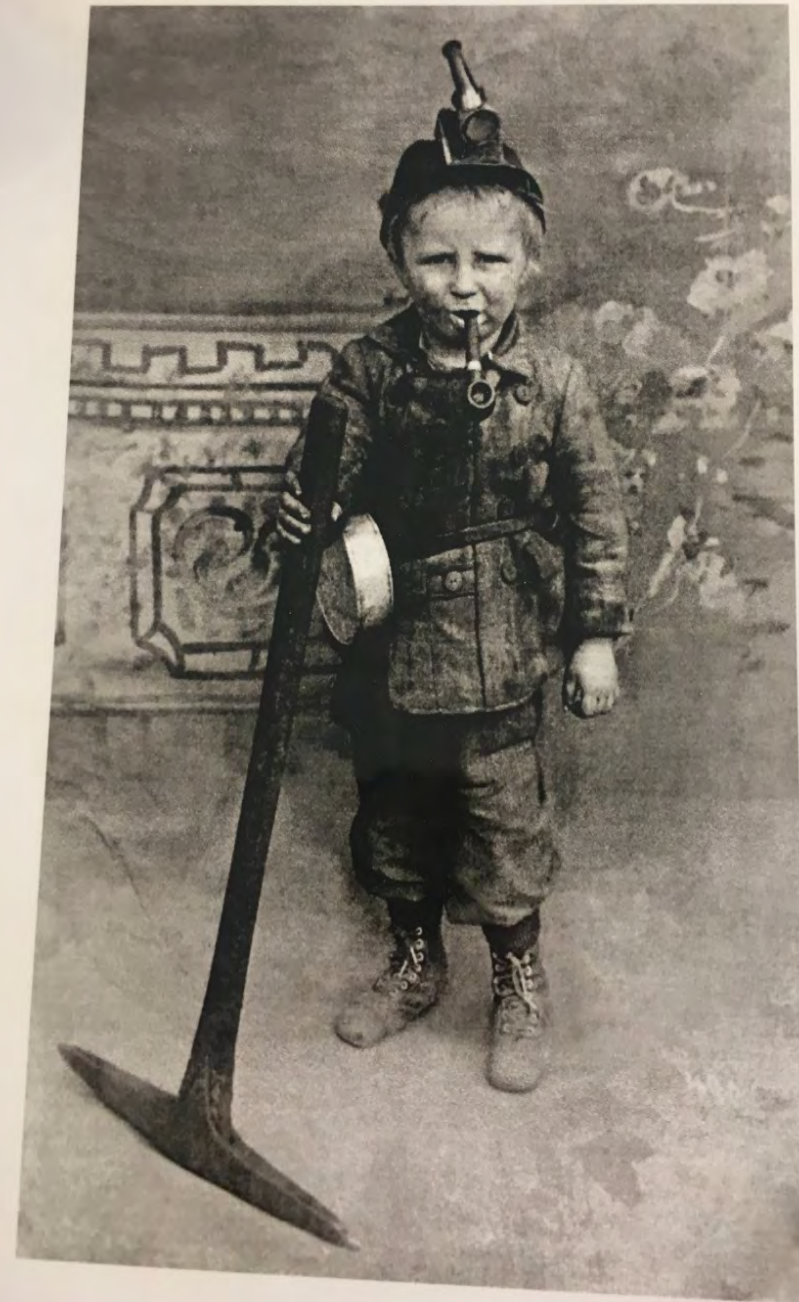
# Helper:

- 110 miles SE of SLC
- Founded in 1880's
- Former coal town
- 2,012 residents
- Located on scenic route to 7 national parks
- Only Amtrak station between SLC and CO
- 12.5% poverty

SLOW



HELPER ARTS, MUSIC, & FILM FESTIVAL  
2017





# Community-generated Tasks

What Can YOU do in the next 90 days?

**Volunteer My Time**

**Clean Up/Plant Trees**

Promote Helper

Support Local Businesses

Main Street Investment

Planning and Zoning

Continue the Conversation!

If I had 1,000 Volunteers

**Clean Up the Town**

**Clean up the River/Trails & Plant/Landscape**

Paint (murals, buildings, sidewalks, bridge)

Support Businesses/Restore or Tear down buildings





# Good public process sets the table for change by empowering



# CITIZENS!

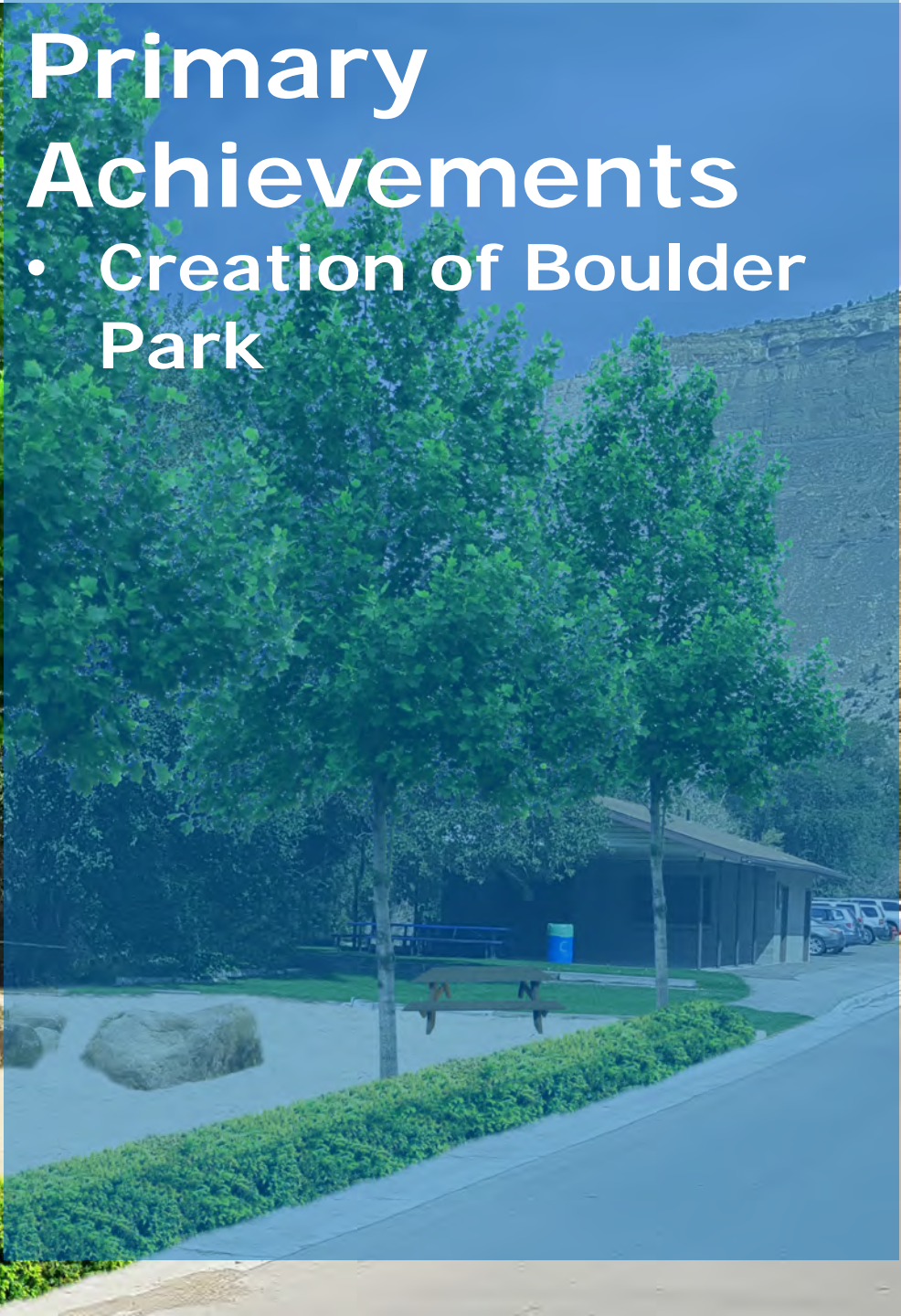




# Immediate Implementation

1. Downtown parks and public spaces.
2. Marketing and branding for small businesses.
3. River restoration.
4. Main Street redesign and streetscape improvements.
5. Façade rehabilitation and existing building improvements.
6. Community sponsored exhibitions for local artists.
7. Downtown mural walking tour.
8. Signage and wayfinding system to highlight assets.
9. Planning and zoning improvements.





# Primary Achievements

- Creation of Boulder Park





# Primary Achievements

- Creation of Boulder Park



# Primary Achievements

- Creation of Boulder Park
- Pop-up shop program creating permanent businesses

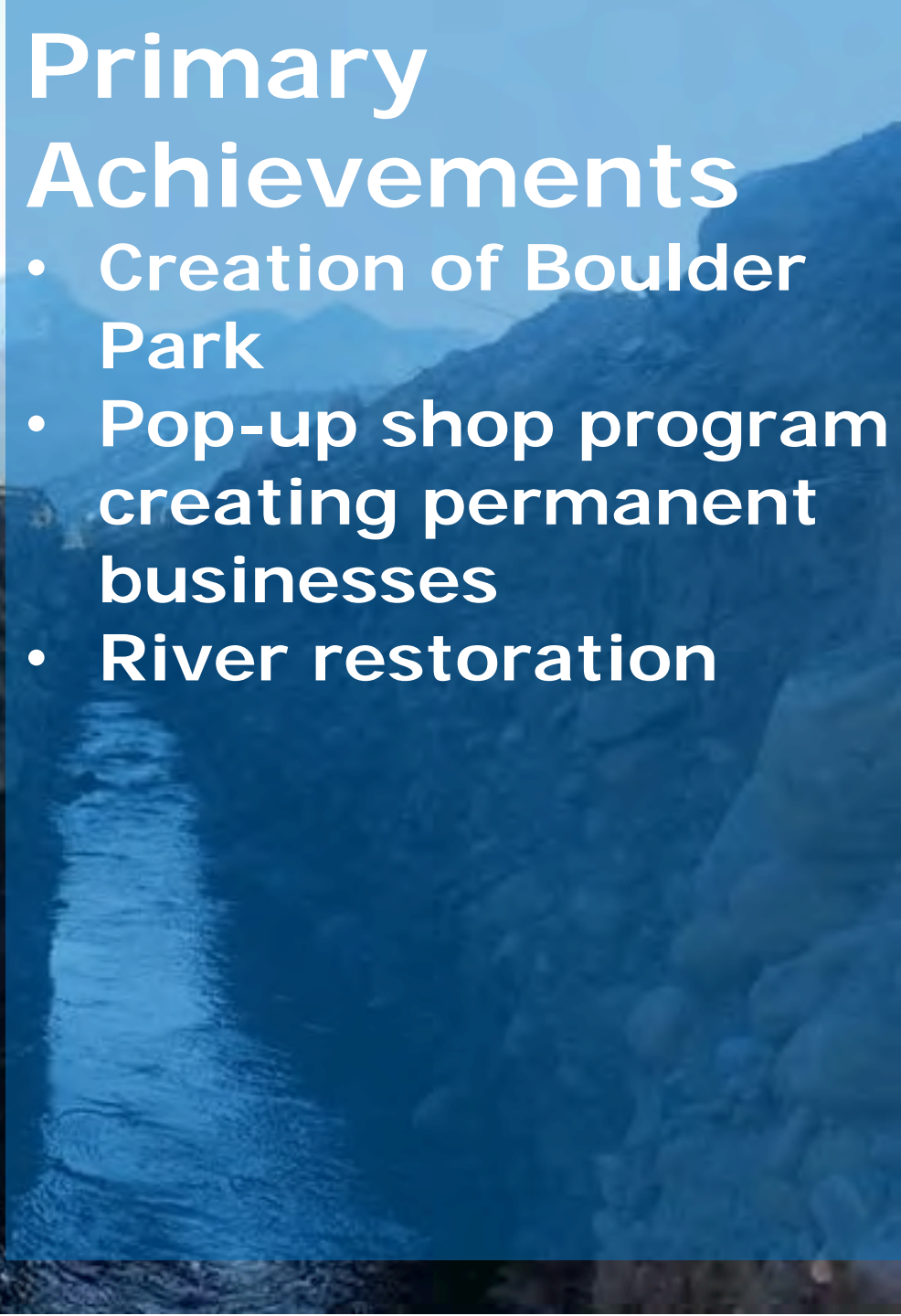






# Primary Achievements

- Creation of Boulder Park
- Pop-up shop program creating permanent businesses
- River restoration







# Primary Achievements

- Creation of Boulder Park
- Pop-up shop program creating permanent businesses
- River restoration
- Main Street Improvements



# Primary Achievements

- Creation of Boulder Park
- Pop-up shop program creating permanent businesses
- River restoration
- Main Street Improvements
- Signage and Wayfinding





# Primary Achievements

- Creation of Boulder Park
- Pop-up shop program creating permanent businesses
- River restoration
- Main Street Improvements
- Signage & Wayfinding
- New Downtown Activation



**“A community with hope is unstoppable. I can’t imagine being where we are today without the support, guidance and expertise the SDAT program afforded a small, struggling rural community in Utah. I deeply appreciate the work and cannot make a stronger, more honest recommendation of the SDAT program and the impact it has had on Helper City.” - Lenise Peterman, Helper Mayor**





# Thank You!



The American  
Institute  
of Architects

- Joel Mills, [joelmills@aia.org](mailto:joelmills@aia.org)
- Erin Simmons, [esimmons@aia.org](mailto:esimmons@aia.org)
- Program info: [www.aia.org/cxd](http://www.aia.org/cxd)
- YouTube Channel: <http://bit.ly/cxdDAT>
- Want to connect? LinkedIn, Facebook, Twitter







# Los Angeles County Master Plan for Sustainable Parks and Recreation: Phase I

Clement Lau, AICP, Departmental Facilities Planner



# Master Plan for Sustainable Parks and Recreation: Phase I

- Phase I consists of **Community Parks and Recreation Plans** for six of the most park-poor unincorporated communities in Los Angeles County:
  - East Los Angeles
  - East Rancho Dominguez
  - Lennox
  - Walnut Park
  - West Athens-Westmont
  - Willowbrook
- Project was funded by a Sustainable Communities Planning Grant from the California Strategic Growth Council

# Community Parks and Recreation Plans (2016)



## NURTURING Neighborhoods

30 PARKING November 2017

Making urban parks sustainable and equitable delivers benefits well past their edges.

By CLEMENT LAU, AICP

HERE ARE MORE THAN 3,000 PARKS IN LOS ANGELES COUNTY. Some are managed by the LA County Department of Parks and Recreation. Others belong to the park systems of the 48 cities inside the county's 4,084 square miles. 300 others are state and federal parklands. All in all park and open space covers more than 96,000 acres. But some communities are critically lacking in parks. A few years ago LA County launched a master planning effort for a slice of that under-served group: creating parks for us all, a model park plan for urban and communities. That effort set the stage for much bigger things, including the county's first wide-ranging evaluation of parks resources and the passage of a funding measure that will generate about \$4 billion annually. It also has helped the county see parks through a lens of sustainability.

It all started in 2012, when DPR applied for a Sustainable Communities Planning grant from the California Strategic Growth Council to prepare the first phase of the *Master Plan for Sustainable Parks and Recreation*. It was that \$1 million grant, despite being up against planning and transportation agencies with heavy experience in competing for such funds—and completed the *Master Plan* in 2016. Asking in the effort were residents, community-based organizations, other county departments, and the consulting firm Fluoricks. "The existing work was really to bridge sustainability, social equity, and park issues together," says Norma E. Garcia, chief deputy director of DPR, in an interview with the Southern California Association of Governments in April 2017. "That plan wound up being a stepping stone for the Los Angeles Countywide Comprehensive Parks and Recreation Needs Assessment, which involved all of the cities and unincorporated communities in the county. Built upon the analytical approach of the *Master Plan*, it represents a historic undertaking to engage all of Los Angeles County in a collaborative process for future decision making. Its primary goal was to quantify the magnitude of need for parks and recreational facilities and determine the potential uses of meeting that need," says John Wickley, the director of DPR, explained in his presentation to the LA County Board of Supervisors in May 2016. "It focuses on sustainability and establishes a new way to understand and think about parks, recreation, and open space by considering parks as key infrastructure needed to sustain and improve the quality of life for all county residents, using a new series of metrics to determine park needs, support

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### Project Highlight

## Community Parks and Recreation Plans in Los Angeles County



Six unincorporated communities located within a highly urbanized area of Los Angeles County are the focus of the *Community Parks and Recreation Plans*: East Los Angeles, Each Rancho Dominguez, Lennox, Walnut Park, West Athens-Westmont, and Willowbrook. Located within the urban core of Los Angeles County, all six communities are primarily residential communities with commercial uses along major corridors. Because of their established community identities, generally well-defined boundaries, and unique histories, they have remained unincorporated, rather than become parts of adjacent cities. Prior analysis by the County indicates that the six communities are substantially underserved by parks and recreational facilities. Also, they are generally characterized by relatively low income, high levels of crime, and childhood obesity.

#### The Project

The *Community Parks and Recreation Plans* analyze and address the unique park, recreation, and urban greening needs in each of the six communities. Each plan starts with examination of local demographics, existing parkland and recreational facilities, parkland gaps, current recreation programs, trees and tree canopies in existing parks, transportation and connectivity to parks, and availability of land for recreational purposes. This baseline information,

combined with input from the public involvement process, informs a detailed assessment and prioritization of local park and recreation needs. The needs assessment in turn informs a green space vision, design concepts for potential new urban park and trail projects, and strategies to address the identified needs. Implementation is also addressed, including partnership and funding opportunities and detailed next steps for actualizing the green space vision and strategies.



Left to right: New park developments implementing the community's sustainability vision is already underway, including the park in Willowbrook County. Analysis identified the six communities of highest need for parks and recreational facilities. SOURCE: COUNTY OF LOS ANGELES

38 Community Parks and Recreation Plans in Los Angeles County

The plans are intended to make all six communities more sustainable by creating additional parks, green spaces, and recreational amenities for residents. Implementing the plans will reduce greenhouse gas emissions by significantly increasing the number of residents who can walk, bicycle, and take transit to parks, and incorporating alternative energy production facilities, green building practices, and improved water efficiency in irrigation equipment, low-water plants, and recycled water for irrigation. Another focus of the plans is carbon sequestration from tree planting at existing and future parks, trails, and other community places. All of these improvements will increase the quality of life and health in the six communities, which in turn will advance economic and social sustainability.

The community process for the six *Community Parks and Recreation Plans* was so successful that the County Department of Parks and Recreation applied a similar approach countywide. The 2016 Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment represents a historic undertaking to engage all communities in Los Angeles County in a collaborative process for future decision-making on parks and recreation. Five metrics for community park needs were quantified for 165 study areas. The massive community engagement program incorporated traditional methods and social media, including workshops conducted by parks departments and community-based organizations, resulting in identification of priority projects and cost estimates. In the November 2016 election, a new funding mechanism for park improvements was passed by voters in the form of a new parcel tax, its part of the Safe, Clean Neighborhood Parks, Open Space, Beaches, Rivers Protection and Water Conservation Measure (Measure A). This new funding, which has special provisions for high need communities, can be tapped for projects identified in the *Community Parks and Recreation Plans* for East Los Angeles, Each Rancho Dominguez, Lennox, Walnut Park, West Athens-Westmont, and Willowbrook.

#### Local/Regional Connection

The six *Community Parks and Recreation Plans* represent unique solutions for actualizing sustainability objectives in the two primary regional frameworks: the 2016-2040 *Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)* for the Southern California Association of Governments region and the *Unincorporated Los Angeles County Community Climate Action Plan 2020 (CCAP)*. The RTP/SCS advances a vision where many communities are more connected, seamlessly served by numerous public transit options, people live



#### Locally-Driven Solutions

- Better use of existing public facilities, such as a "parks plaza" in unused spaces next to an existing library, including exercise equipment and outdoor seating for reading books.
- Creative sites for new park spaces close to residents, including several that are currently being acquired by the County.
- Coordination with local water and power providers for creating parks and trails within utility corridors.

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### MULTIPLE BENEFITS

LA County's Community Parks and Recreation Plans deliver community benefits beyond each park's border.



#### ENVIRONMENTAL

- Improved air quality
- Stormwater management
- Heat island mitigation and temperature stabilization

#### SOCIAL

- Improved public health
- Improved community safety
- Enhanced community cohesion
- Improved walkability
- Stress reduction and improved academic performance

#### ECONOMIC

- Energy conservation and green infrastructure
- Increased property values
- Increased activity in retail areas

### Sustainability Benefits for California

Implementation of the *Community Park and Recreation Plans* will help to advance many of California's sustainability objectives, particularly in the areas of:

- Equity
- Public health
- Reduced automobile usage and fuel consumption
- Water conservation
- Energy conservation and efficiency
- Revitalized urban and community center



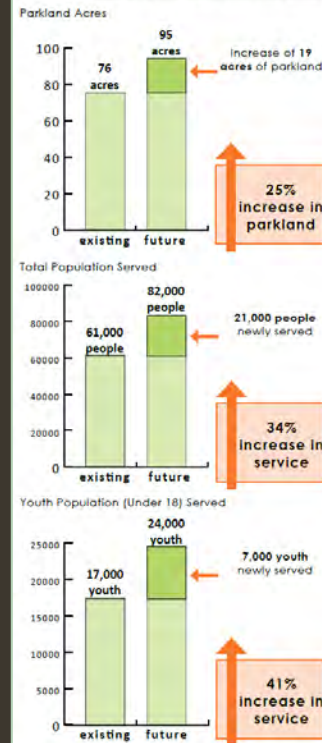
# Community Parks and Recreation Plans (2016)

## 6 of the most park-poor communities

## Data-driven park planning



**FIGURE 5.10 SERVICE IMPROVEMENTS WITH THE ADDITION OF POTENTIAL NEW PARKS**



Graphs show improvements based on the addition of high priority park projects.

### POPULATION SERVED WITH POTENTIAL NEW PARKLAND

Meeting overall park need in East Los Angeles is challenging due to limited availability of vacant land and the high level of need. However, the addition of nearly 19 acres of parkland could have a noticeable impact on parks and recreation service to East Los Angeles residents, as shown in Figure 5.10.

With the addition of future park sites, the population within walking distance of any parks could increase approximately 36 percent, from approximately 61,000 to 82,000 residents. Within that group, the population under 18 years old could increase from approximately 17,000 to 24,000, which represents a 41 percent jump from the existing population. This indicates that the additions of potential future park sites could increase the possibility of providing more access to the parks and green spaces to overall population, and especially for residents under 18 years old.

### IMPACT ON STORMWATER INTERCEPTION

Utilizing Low Impact Development (LID) technologies, such as stormwater swales, bioretention basins, or green roofs to intercept water runoff within existing parks and in future parks could provide significant benefit to water storage and improvement to water quality running into nearby waterways. Additionally, increasing the community-wide tree canopy to 24 percent could store and treat significant quantities of stormwater outside of the parks' boundaries, reducing impacts to existing stormwater infrastructure.

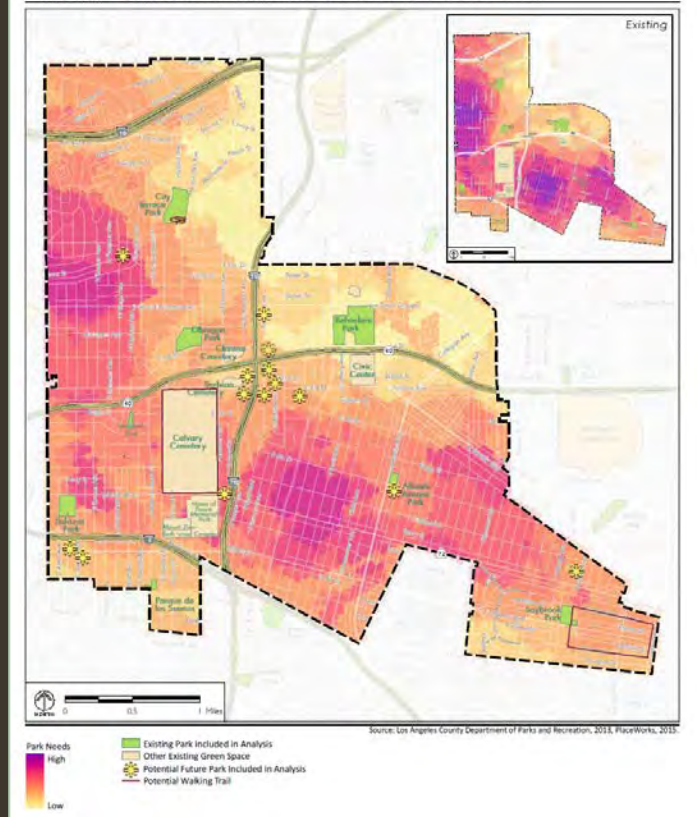
Although current rain levels are below normal, the National Oceanic and Atmospheric Administration (NOAA) estimates the average rainfall for downtown Los Angeles is 14.93 inches per year. Utilizing this estimate for the 19 acres of additional parkland in East Los Angeles, annual rainfall on these areas could equal nearly 8 million gallons. A significant amount of this volume could infiltrate into the parks' pervious surfaces; however, a presumed runoff of 10-20 percent is expected in the typical park or open space, resulting in approximately 1.5 MILLION GALLONS that could be intercepted and treated with LID.

### IMPACT ON WATER CONSERVATION

Changes to maintenance and landscape installation within existing and future parks can provide dramatic water conservation. Key water saving strategies include:

- Utilizing DRIP IRRIGATION instead of spray heads (estimated 16% water savings)
- Planting LOW WATER-USE PLANTS and replacing high water use ones (estimated 62 percent water savings)

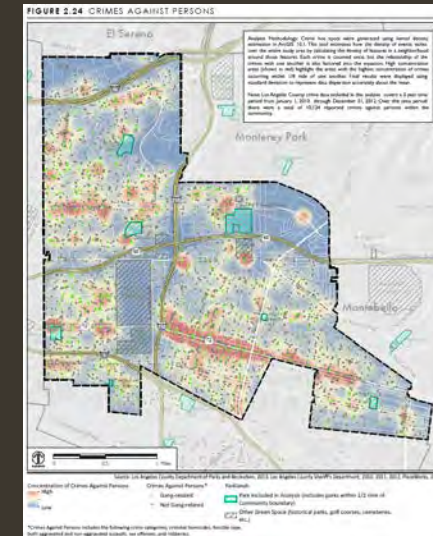
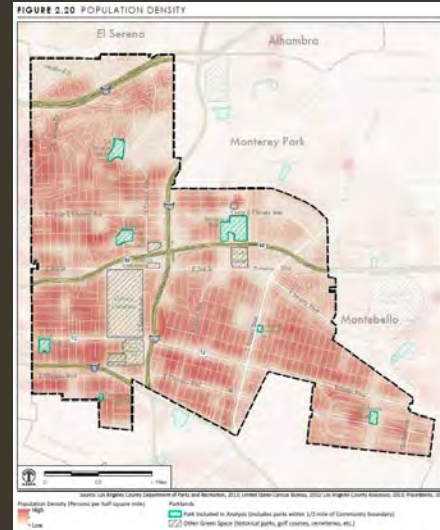
**FIGURE 5.11 SPATIAL NEED - EXISTING AND POTENTIAL FUTURE PARKS**



Source: Los Angeles County Department of Parks and Recreation, 2013; PlaceWorks, 2015.



# Spatial Analysis - Intersectionality





# Tree Canopy and Urban Forestry

FIGURE 2.14 EXISTING CANOPY COVERAGE

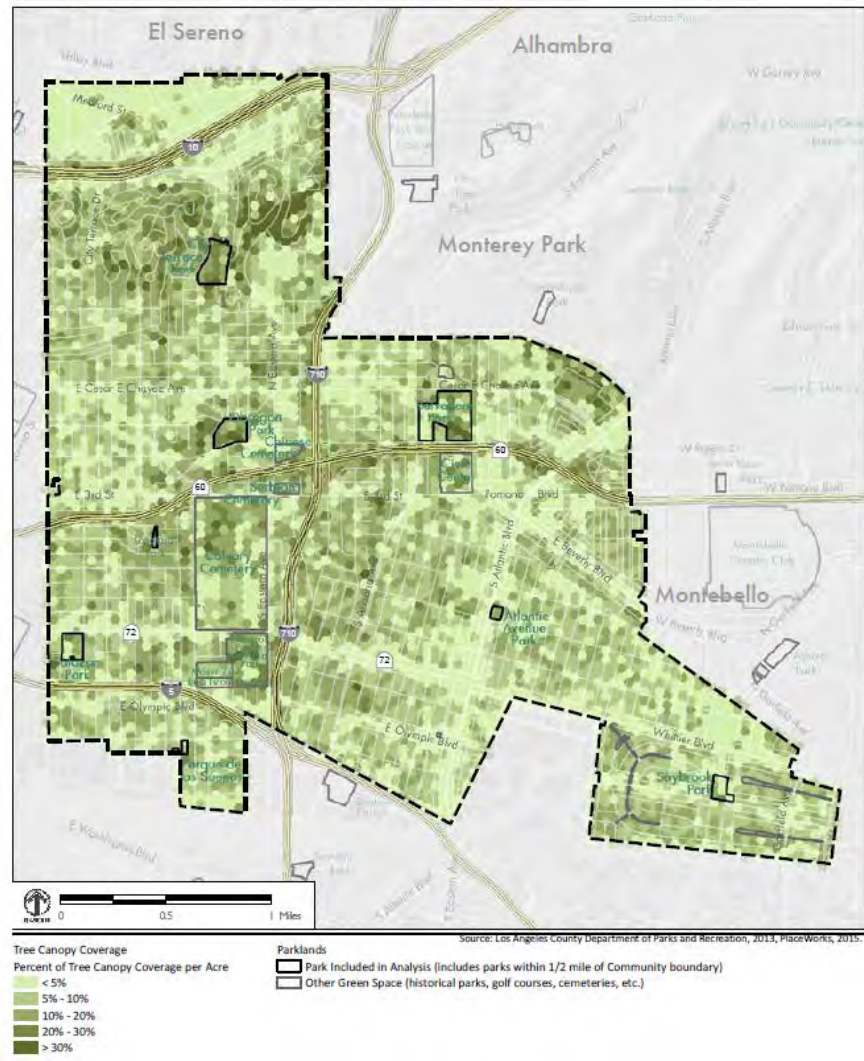


FIGURE 2.15 SPECIES COMPOSITION

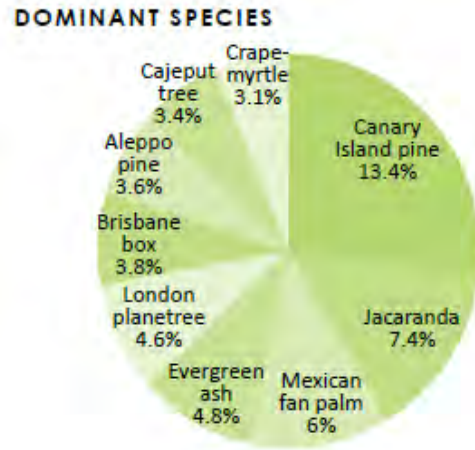
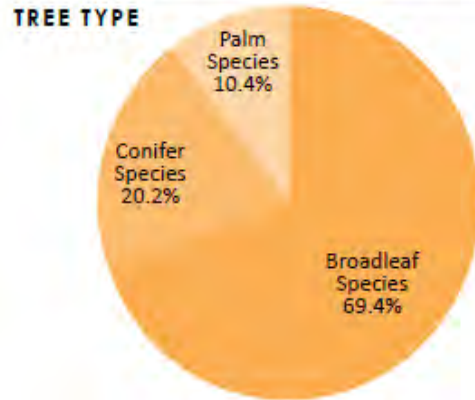


TABLE 2.4 OVERVIEW OF TREES PER PARK

	Total Trees	Total Park Acreage	Acres of Canopy Coverage	Tree Canopy Coverage (%)
Atlantic Avenue Park	21	1.96	0.12	6%
Belvedere Regional Park	303	30.74	4.27	14%
City Terrace Park	239	15.31	3.70	24%
Parque de los Sueños	86	1.61	0.74	46%
Obregon Park	175	10.94	3.22	29%
Salazar Park	154	7.92	1.42	18%
Saybrook Park	62	7.06	1.44	20%
TOTAL	1,040	75.54	14.91	Average: 23%

TABLE 2.6 SUMMARY OF ANNUAL NET ENVIRONMENTAL BENEFITS

Park Name	Stormwater (Gallons of Stormwater Intercepted)	Air Quality (Pounds of Reduced Air Pollutants)*	Carbon Dioxide (Pounds of CO2 Sequestered per Year)
Atlantic Avenue Park	14,829	15	1,293
Belvedere Regional Park	519,751	470	45,320
City Terrace Park	471,833	425	36,602
Parque de los Sueños	61,062	79	5,467
Obregon Park	306,116	340	44,065
Salazar Park	134,906	153	11,500
Saybrook Park	215,116	161	8,719
TOTAL	1,723,612	1,643	152,967

\* Air Quality pounds includes deposition of ozone (O3), nitrogen dioxide (NO2), particulate matter (PM10) and sulfur dioxide (SO2) and avoidance of NO2, PM10, volatile organic compounds (VOCs), and SO2, but does not take into account potential Biogenic Volatile Organic Compounds (BVOCs) emissions.







# Community Meetings





# Healthy Design Workgroup – Internal Collaboration





# Green Vision and Planning

FIGURE 5.1 EAST LOS ANGELES GREEN VISION MAP

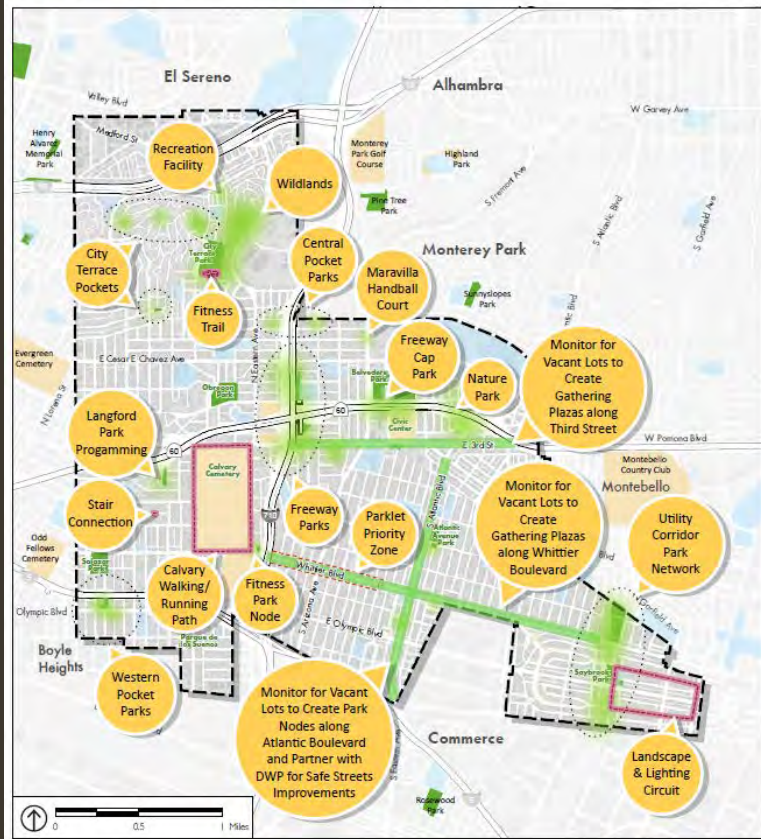


FIGURE 5.2 CURRENT AND POTENTIAL FUTURE CONNECTIONS

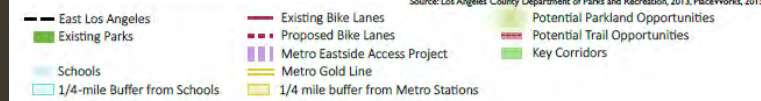
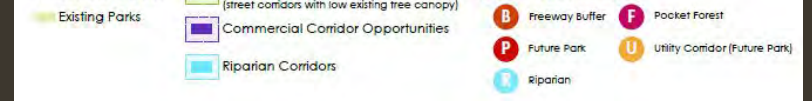
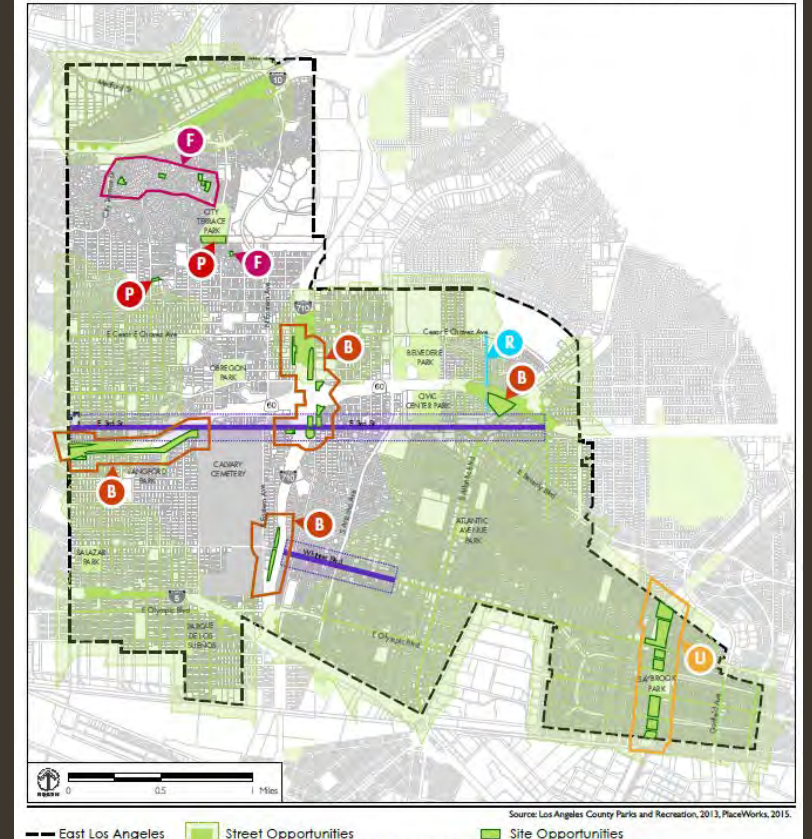


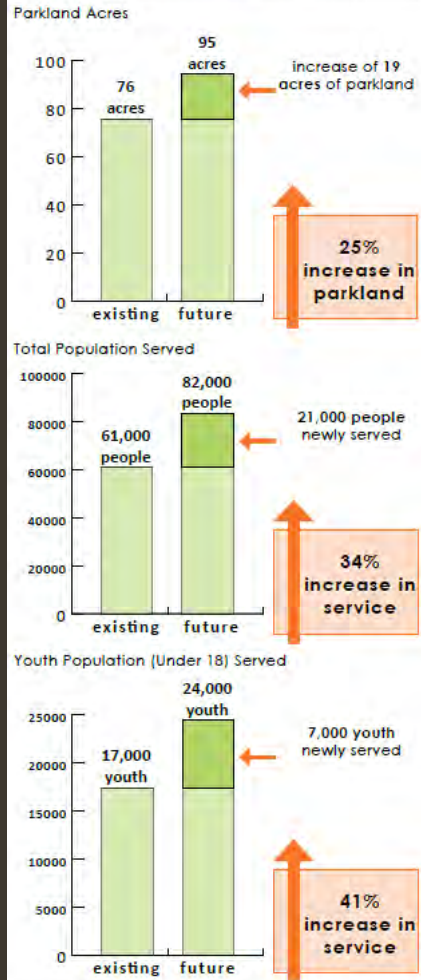
FIGURE 5.3 POTENTIAL URBAN FORESTRY OPPORTUNITIES IN EAST LOS ANGELES





# Potential Benefits and Impacts

**FIGURE 5.10** SERVICE IMPROVEMENTS WITH THE ADDITION OF POTENTIAL NEW PARKS



Graphs show improvements based on the addition of high priority park projects.

**TABLE 5.1** SAMPLE PARK PROJECT WATER SAVING

<i>Project Size</i>	10,000-square feet	
<i>Project Description</i>	conventional high water use lawn with spray	
<i>Estimated Water Use (gallons per year)</i>	349,994	
<b>Action</b>	<b>Estimated water use (gallons per year)</b>	<b>Estimated Water Savings (gallons per year)</b>
Switch spray heads to drip irrigation	292,348	57,646
Switch high water use plants to low water use plants	131,248	218,746
Add 3.5% or 5% organic matter content compost	307,995	41,999
Add 3 inches of mulch to planting areas	279,995	69,999

**TABLE 5.2** EAST LOS ANGELES CARBON SEQUESTRATION UNDER EXISTING AND TARGET CANOPY COVERAGE

Land Use <sup>1</sup>	EXISTING CANOPY		TARGET CANOPY	
	Canopy Coverage (acres)	Annual Carbon Sequestration (CO <sub>2</sub> Metric Tons)	Canopy Coverage (acres)	Annual Carbon Sequestration (CO <sub>2</sub> Metric Tons) <sup>2</sup>
Low Density Residential	336	1,599	921	4,386
High Density Residential	68	325	122	580
Commercial/Institutional	86	409	89	423
Industrial/Utilities/Transportation	9	44	10	48
Open Space <sup>1</sup>	58	275	61	292
<b>Total</b>	<b>557</b>	<b>2,652</b>	<b>1,203</b>	<b>5,729</b>

## ENVIRONMENTAL BENEFITS OF EXISTING PARKS

1.7 million gallons of stormwater intercepted annually

1,600 pounds of reduced air pollutants annually

153,000 tons of CO<sub>2</sub> sequestered annually



# Visions





# Visions





# Example of Plan Implementation

## WOODCREST LIBRARY PLAZA

### SITE SUMMARY

Woodcrest Library is part of the County of Los Angeles Public Library System. The library is located on the corner of Normandie Avenue and 106th Street. The main entrance into the library is from the parking lot along 106th Street, which includes a small patio space with trees. The library is currently planning an art installation project with the Los Angeles County Arts Commission, which will include a mural on the side of the building facing Normandie Avenue and a decorative shade sail in the patio. The design concept incorporates these elements into an expanded design.

### COMMUNITY NEED

Westmont residents need a safe place for young people to play. Woodcrest Library already serves as a destination for young people and parents and expanding the site to include a small play area would enhance the capacity of the site and further

solidify it as a community destination. Increasing activity at the library will ensure that it remains a safe destination and County staff working at the library can serve as "eyes on the plaza," to monitor activity in the space.

### SITE DESIGN

The central features to the new plaza are a small play area and space for outdoor reading. While a central walkway to the door is retained, much of the new area is paved with safety surfacing, which serve as a visual cue that the space is dedicated to playful activities. Play features include a small play structure and boulders for climbing. In some areas the safety surface creates mounds to create a simple but playful experience to explore. These spaces can additionally be used as seating for small outdoor reading sessions. The site design also includes stationary bikes within the play area. These bikes are intended to be used by parents who want to be able to watch their children as they play.

While the plaza is connected to the sidewalk through a small stairway, the accessible route to the plaza and library door is maintained along the parking lot. The play area is framed on either end by an elevated planter which help shield the space from the surrounding streets and keep plaza activity outside of the doorway to the library. Along the southern planter there is a bench for patrons who want to sit outside but not be in the play area. There are additionally bike racks close to the door. Trees planted within the planters, as well as the shade structure, will provide shade to the play area.

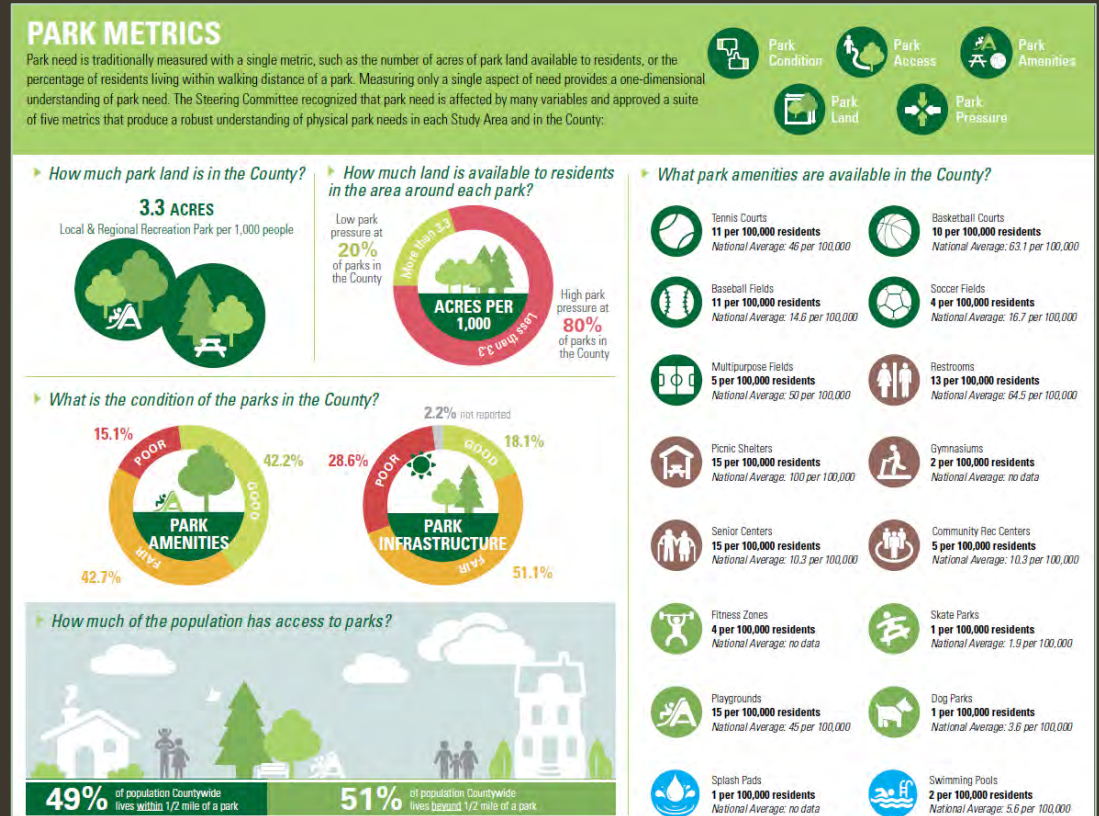




# Countywide Parks & Recreation Needs Assessment (2016)

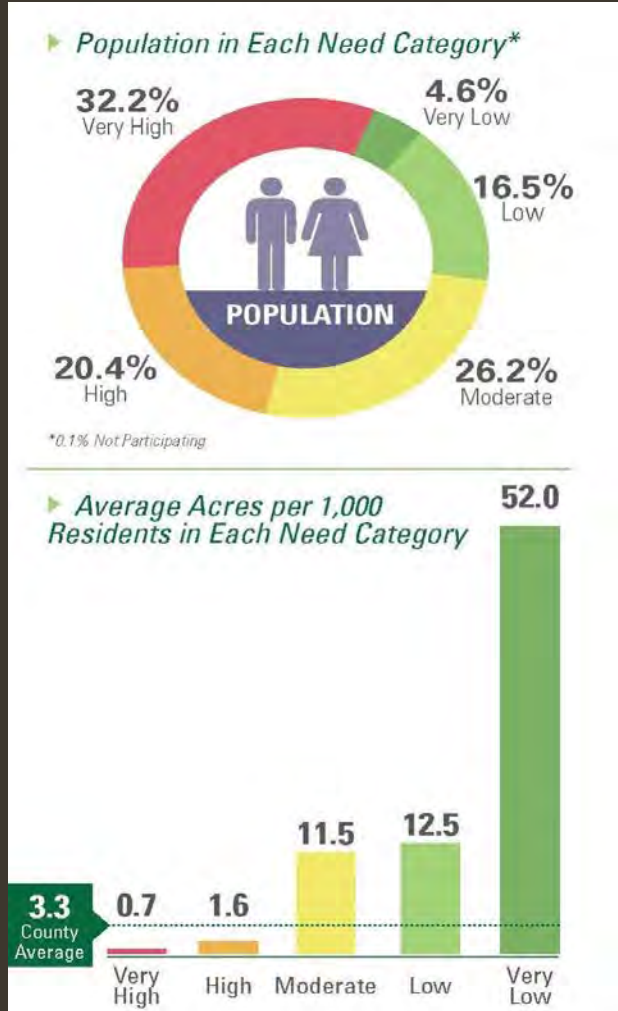
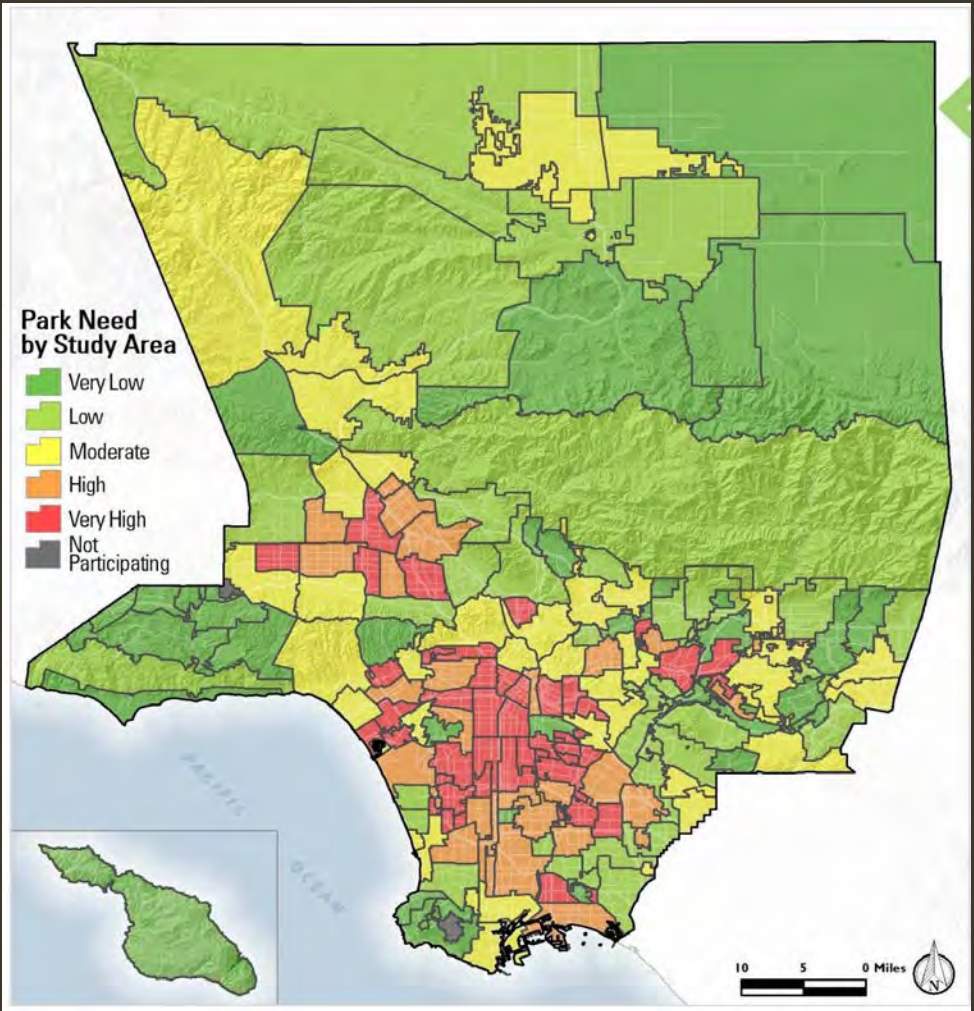
Unprecedented effort to document park needs countywide

Park metrics to determine level of park need





# Data for Equity-Based Park Planning and Resource Allocation

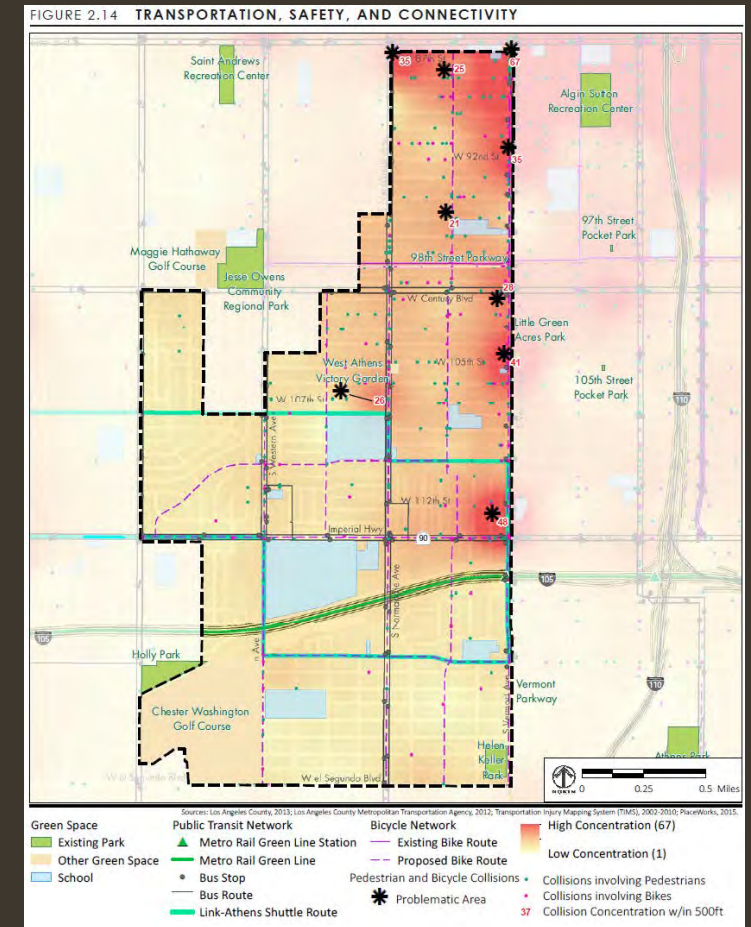
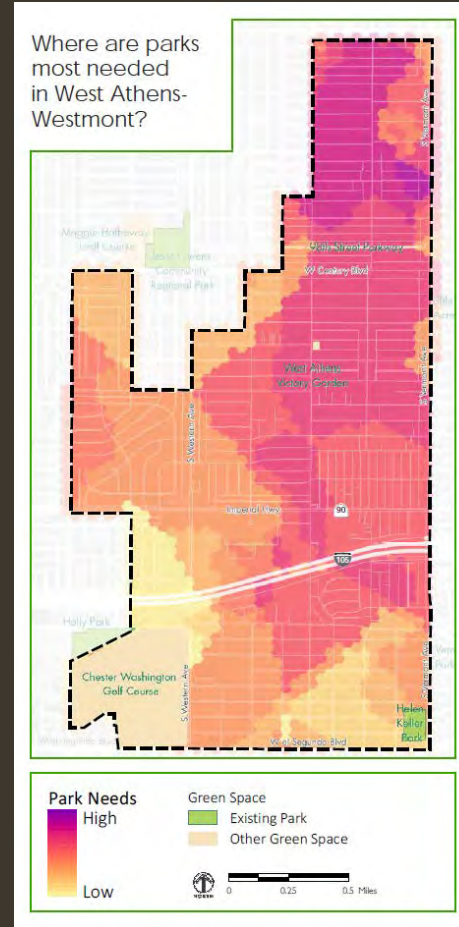




# 10-Minute Walk Planning Work (2019)

Nationwide Campaign to Increase Park Access

Increase percentage of residents within a 10-minute walk of a park









# Norfolk's Resilient Zoning Ordinance

Jeremy E. Sharp, AICP

Zoning Administrator, City of Norfolk

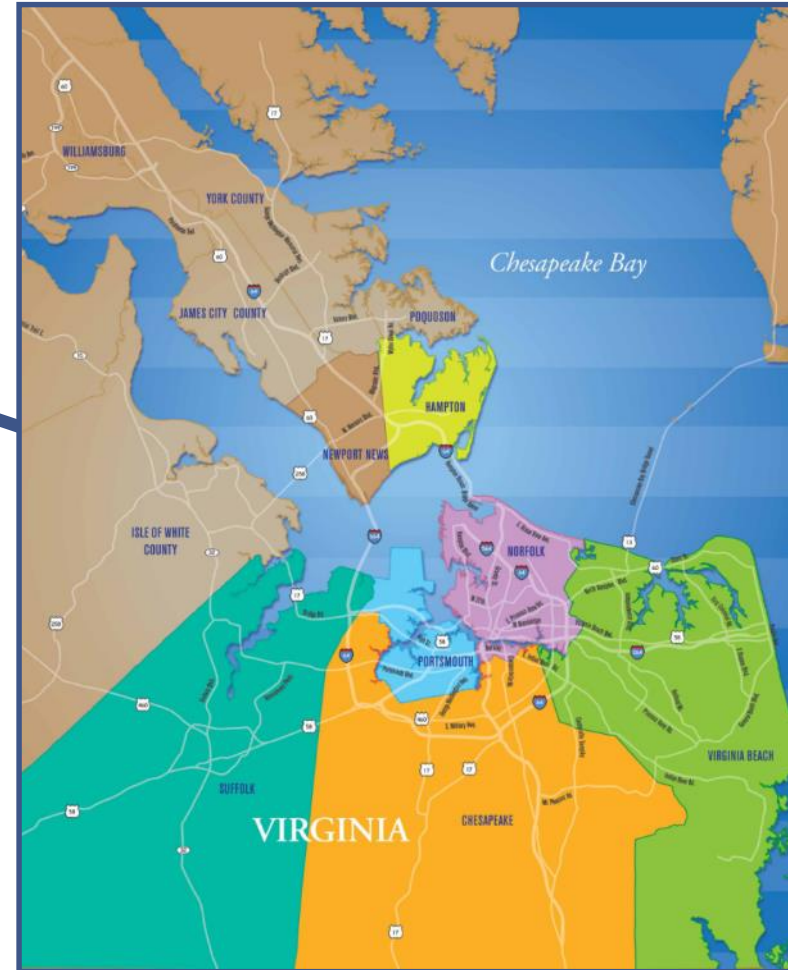




# Norfolk, Virginia



- Independent city of 246,000 (2<sup>nd</sup> largest in Virginia)
- 54 square miles, 144 miles of coastline, 97% developed
- World's largest Naval Station and Port of Virginia (3<sup>rd</sup> busiest on east coast)





# How We Got Here

- Previous Zoning Ordinance Adopted in 1992
- New comprehensive plan adopted in 2013
- Norfolk joined 100 Resilient Cities in 2013
- Comprehensive resilience strategy adopted in 2015
- Sea level rise action plan, Vision 2100, adopted in 2016





# Norfolk's Long History of Flooding

1933



1938



1962

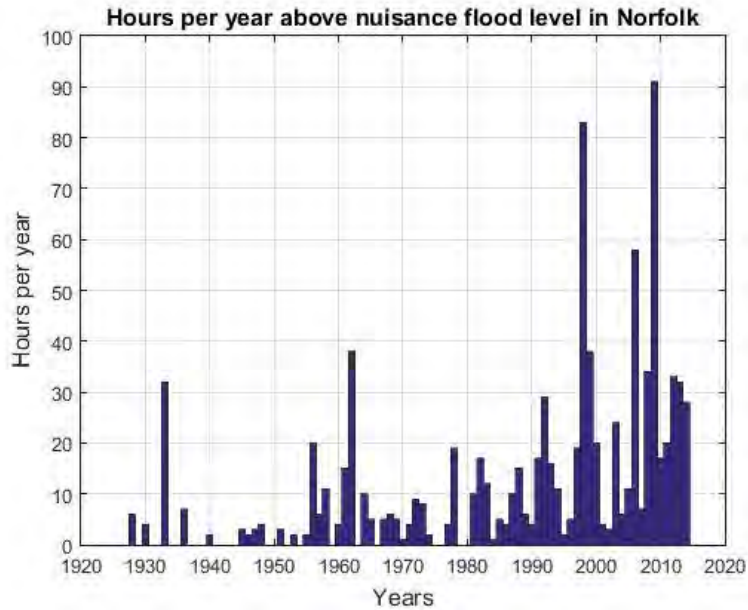


1962



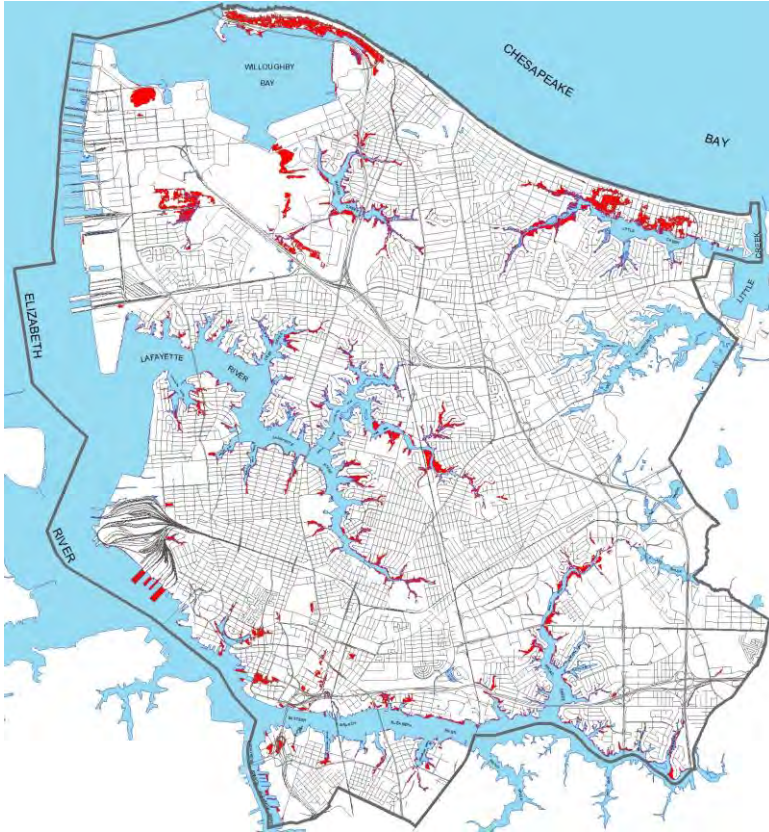


# Flooding is Only Getting More Common

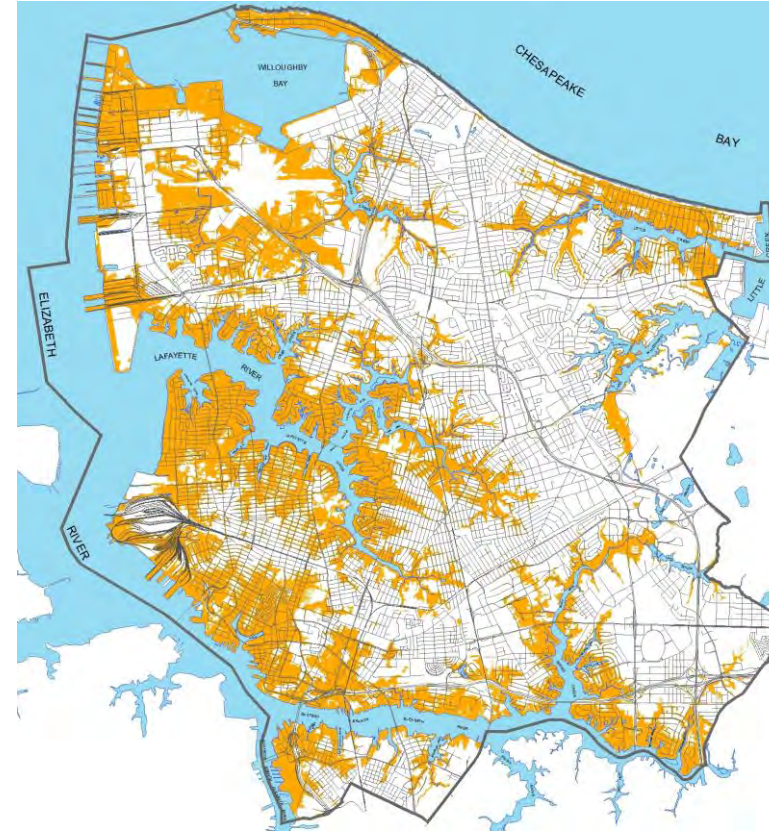




# Increasing Sea Level Rise and Flood Risk



Sea levels with 2-3 feet of (relative) water rise

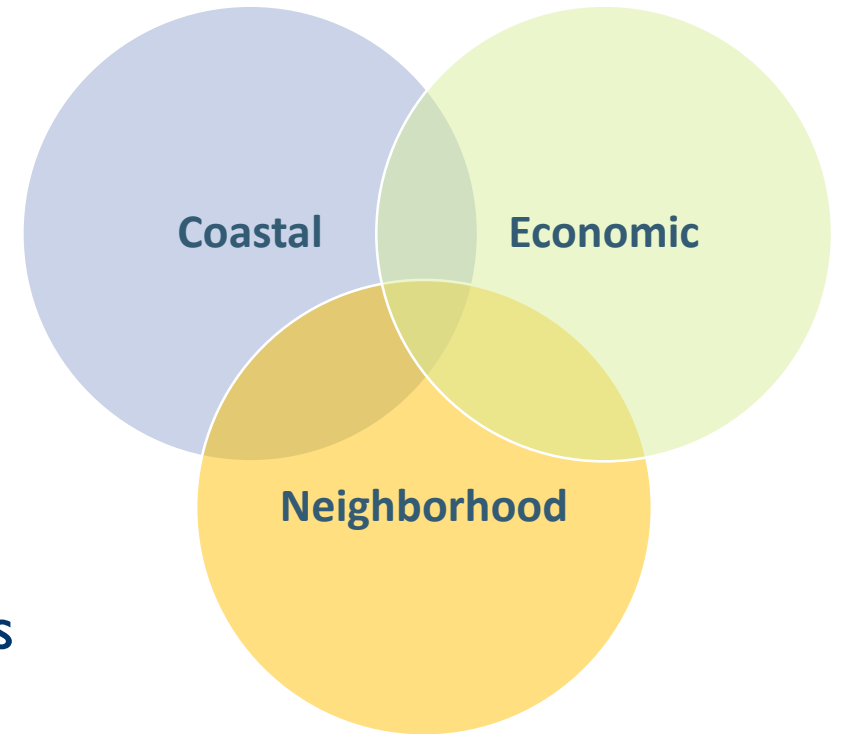


Flood zones with 2-3 feet of (relative) water rise



# Resilience in Norfolk

- **Norfolk's Resilience Challenges**
  - **Coastal Resilience**
    - Recurrent flooding and SLR
  - **Economic Resilience**
    - Navy and Port are dominant; too little else
  - **Social (Neighborhood) Resilience**
    - Concentrated poverty; disconnected communities





# Zoning Ordinance Rewrite

How can zoning respond to  
resilience challenges?



# Zoning Ordinance Rewrite

- 3½-year process
- 1,000's of residents reached
  - 100+ public/stakeholder presentations
  - 23 presentations to outside groups
  - Series of workshops with Tidewater Builders Association
- Council adoption January 23, 2018
  - Went live March 1, 2018



# Resilience Through Zoning

Norfolk adopted the most stringent freeboard requirement in region in 2013:

- 3 feet in SFHA
- 18 inches in Shaded X
- Other localities followed
- 16"-24" everywhere else in City as part of new Zoning Ordinance

## Freeboard in SFHA

BFE	Franklin, Matthews County, Suffolk, Williamsburg
1 ft.	Cape Charles, Richmond, Southampton County
1.5 ft.	Chesapeake, Isle of Wight County, Lancaster
2 ft.	Accomack County, Chincoteague, Gloucester, James City County, Newport News, Northumberland County, Roanoke, Virginia Beach
3 ft.	Hampton, <u>Norfolk</u> , Poquoson, Wachapreague, York County

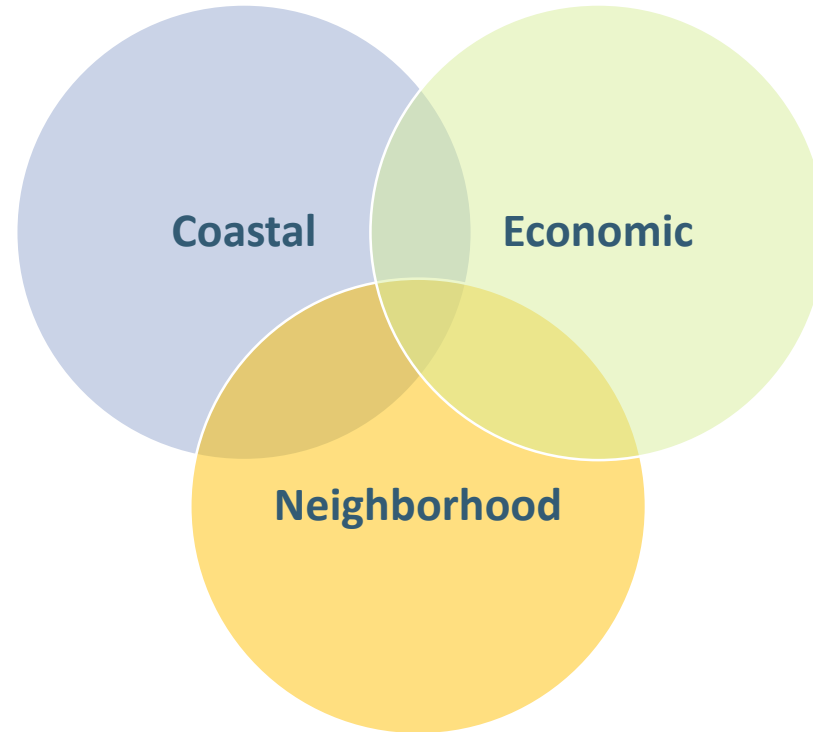
## Freeboard outside the SFHA (Shaded X Zone)

18" above grade	Hampton, <u>Norfolk</u>
-----------------	-------------------------



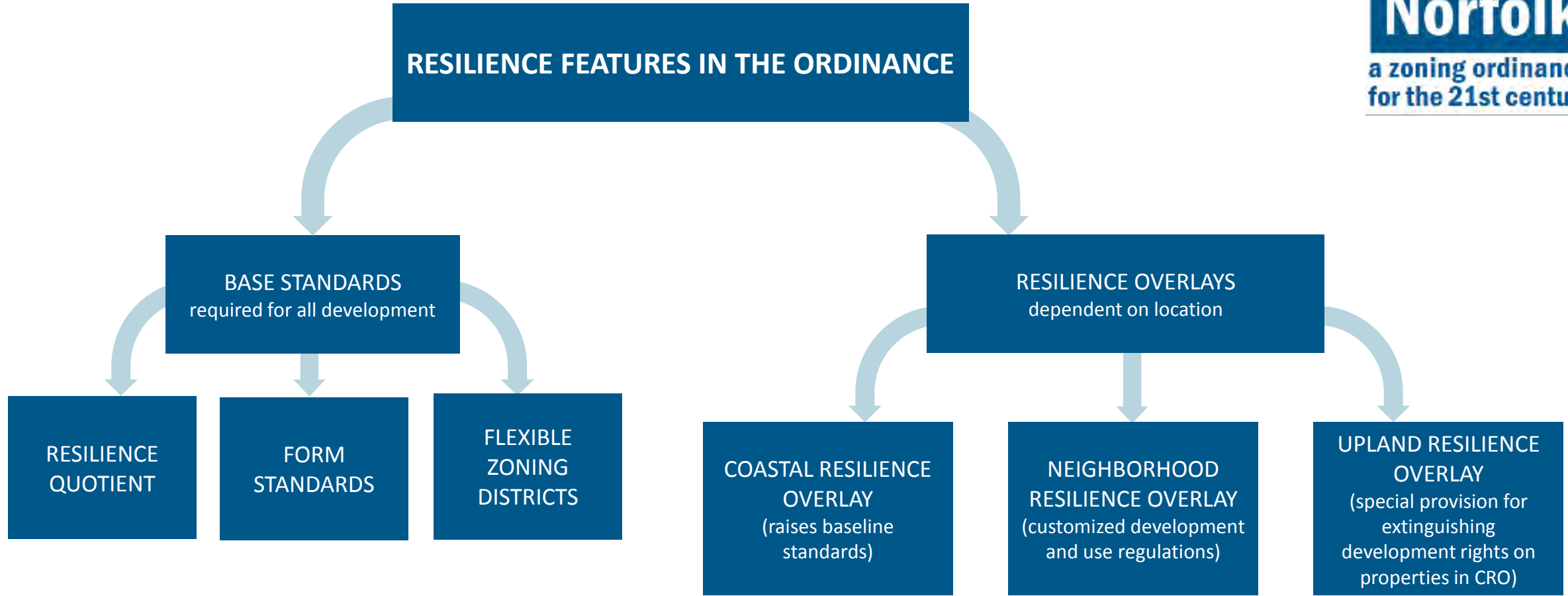
# But, Beyond Freeboard...

Resilience Quotient  
Coastal Resilience Overlay

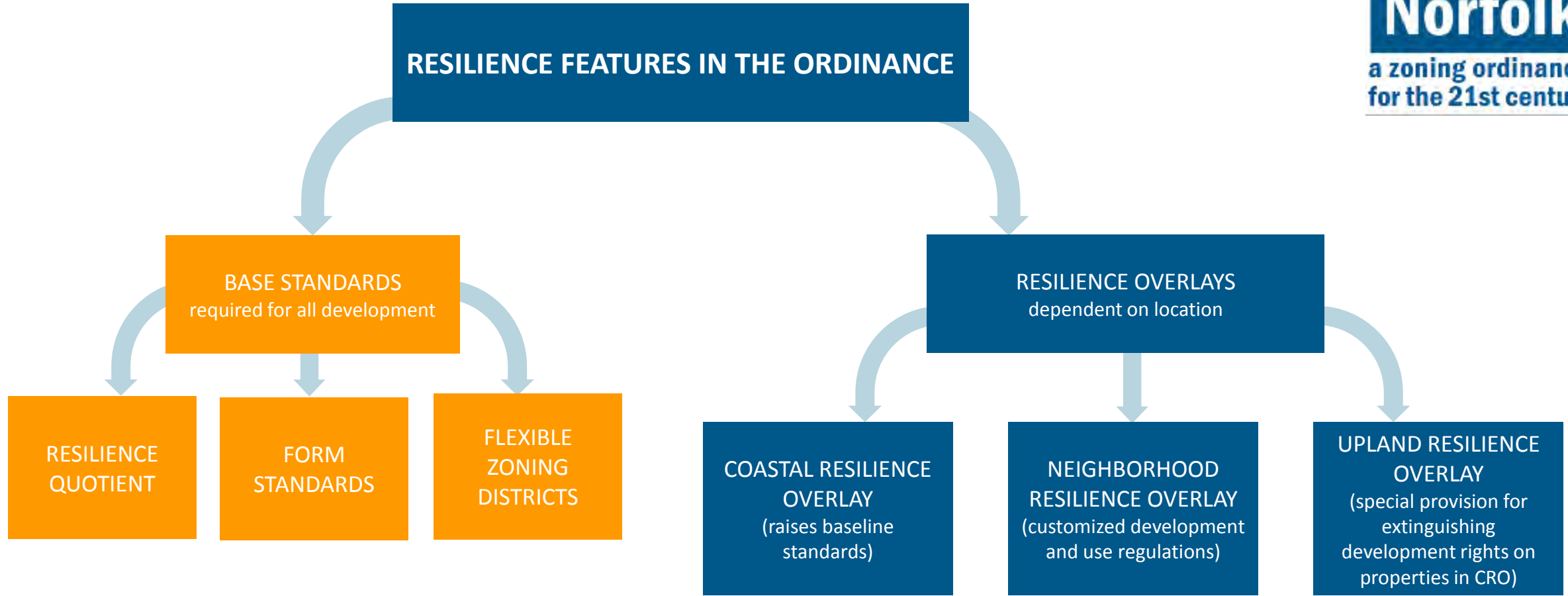


Flexible Zoning Districts  
Hierarchical Use Tables

Form Standards  
Neighborhood Resilience Overlay







# Resilience Quotient Example



## The Tern Conceptual Master Plan

Norfolk, Virginia  
May 2, 2018

### SITE DATA:

Total Site Area: +/-7.2 a.c.  
Proposed Zoning: PD

Units Provided: 96 Units

4 Story Townhomes (20'x47'): 22 Units

3 Story Townhomes (21'x34'): 49 Units

Carriage Homes (26'x26'): 25 Units

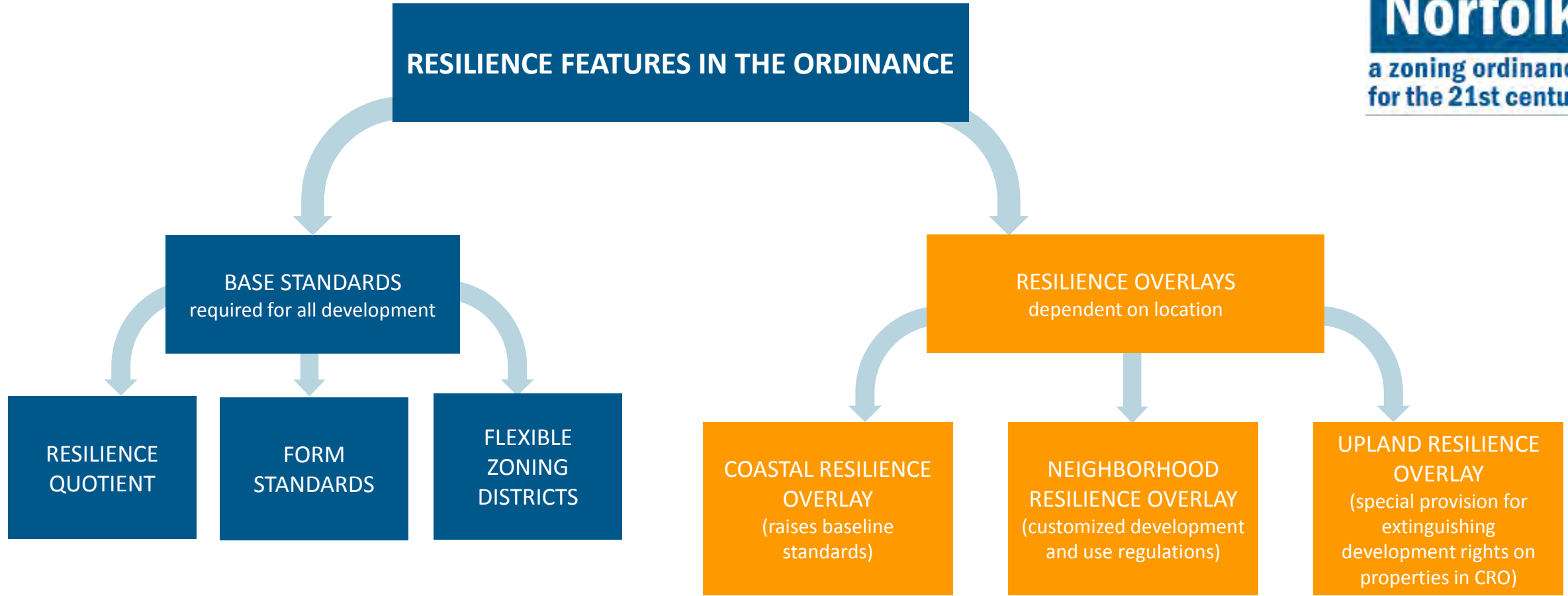


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# Points Breakdown

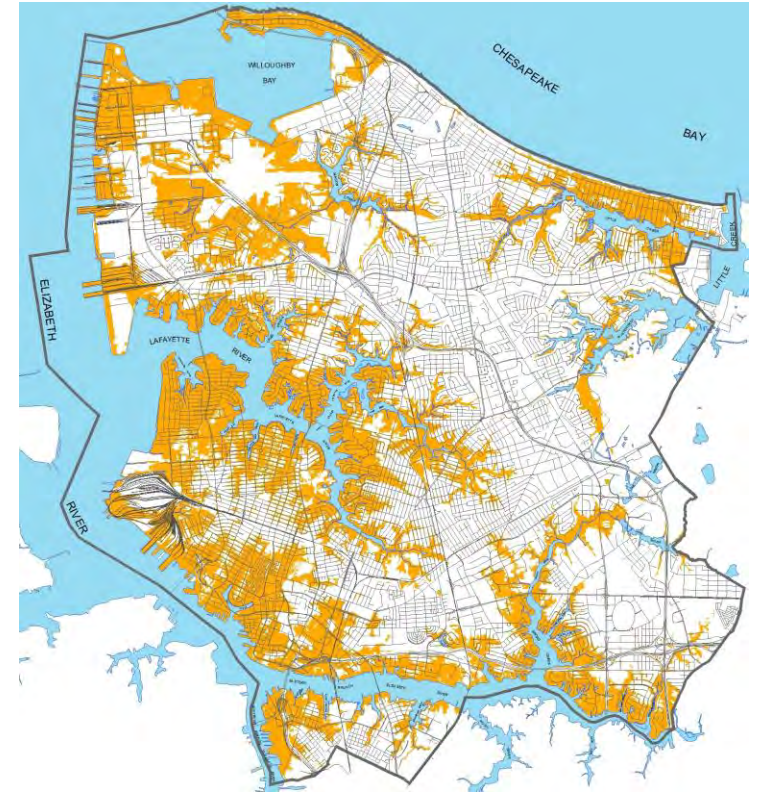
<b>Total Project (96 townhomes, 30,000 sf retail)</b>	<b>8.0 points</b>
<b>Component 1</b>	<b>3.0</b>
Construct to 110-mile wind	2.0
Elevate the ground story first floor elevation	1.0
<b>Component 2</b>	<b>3.0</b>
Treat 25% of site generated runoff	1.0
Treat an additional 25% of site generated runoff	1.0
Provide fenced community space	1.0
<b>Component 3</b>	<b>2.0</b>
Equip each unit with a generator hookup	1.0
Provide 2 operable windows on 2 exterior walls	0.5
Re-use existing non-historic retail building	0.25
Install tankless water heating system (in 1/2 units)	0.25 (1/2)





# Resilience Overlays

- Coastal Resilience Overlay
  - Applies to high flood risk areas, requiring:
    - Higher first-floor elevations
    - Additional open space and landscaping
    - Additional resilience elements
    - Limits on parking
- Upland Resilience Overlay
  - Applies outside high flood risk areas
  - Permits reduced resilience requirements in exchange for a conservation easement placed on another, high-risk property





# Conversation

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