Memorandum

CITY OF DALLAS

DATE October 21, 2016

TO Honorable Members of the Quality of Life & Environment Committee: Sandy Greyson (Chair), Tiffinni A. Young (Vice Chair), Rickey D. Callahan, Mark Clayton, Philip T. Kingston, B. Adam McGough

SUBJECT **Smart Growth for Dallas**

On Monday, October 24, 2016, you will be briefed on Smart Growth for Dallas. The briefing materials are attached for your review.

Please feel free to contact me if you have any questions or concerns.

Willis C. Winters, FAIA, Director
Park and Recreation Department

c:
A.C. Gonzalez, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager
Eric D. Campbell, Assistant City Manager
Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
M. Elizabeth Reich, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council

Smart Growth *for* Dallas

Data-driven decisions for the future of Dallas' parks, open spaces, and green infrastructure

Quality of Life Committee Briefing
October 24, 2016

THE TRUST FOR PUBLIC LAND

bc

TEXAS TREES FOUNDATION

Agenda

I. Program Overview

II. Presentation of Phase I Deliverables

   a) Citywide maps and analysis

   b) High-priority opportunities for creation of new parks, and redevelopment or expansion of current parks

III. Next Steps

   a) Expanded GIS Analysis

   b) Urban Heat Island Analysis

   c) Community Engagement

I. PROGRAM OVERVIEW

About The Trust for Public Land

THE TRUST FOR PUBLIC LAND

The Trust for Public Land works across the country to create new parks and protect land for people, ensuring healthy, livable communities for generations to come.

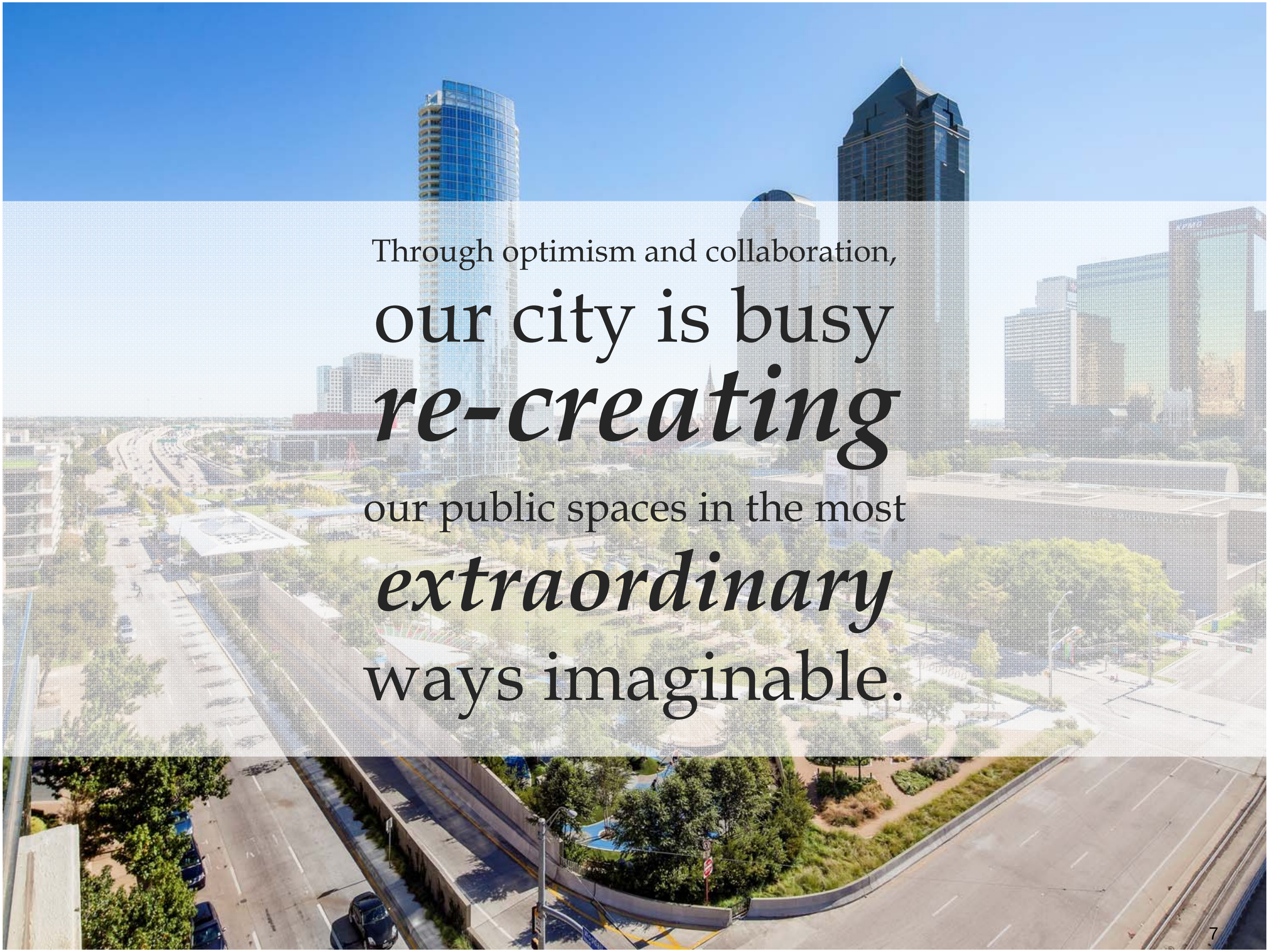
Since our founding in 1972, we've created and protected more than 5,000 special places across the country. More than 7 million people live within a 10-minute walk of a place that we have created or protected. We have helped generate nearly $60 billion in public funding for parks and natural areas through ballot measures supported by nearly 100 million voters in 37 states.

About Our Partners

The buildingcommunityWORKSHOP is a Texas based nonprofit community design center seeking to improve the livability and viability of communities through the practice of thoughtful design and making. We enrich the lives of citizens by bringing design thinking to areas of our city where resources are most scarce.

The Texas Trees Foundation preserves, beautifies, and expands parks and other public natural green spaces, public streets, boulevards, and rights-of-way by planting trees and encouraging others to do the same through educational programs that focus on the importance of building and protecting the “urban forest” today as a legacy for generations to come.

WITH A GROWING POPULATION AND BOOMING ECONOMY, NORTH TEXAS STANDS ON THE CUSP OF A NEW ERA IN ITS HISTORY.



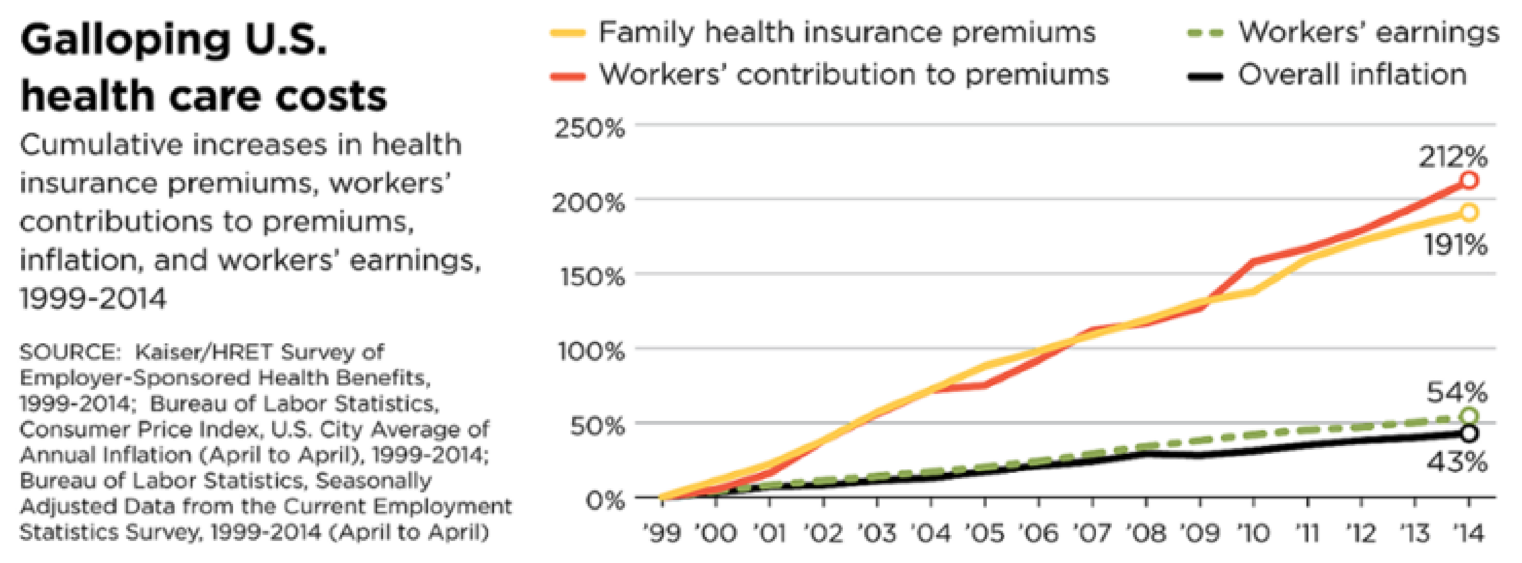
Through optimism and collaboration,
our city is busy
re-creating
our public spaces in the most
extraordinary
ways imaginable.

BUT CHALLENGES STILL REMAIN…

BUT CHALLENGES STILL REMAIN…

The Dallas Morning News

Texas workers' health insurance costs near highest in nation



Galloping U.S. health care costs

Cumulative increases in health insurance premiums, workers' contributions to premiums, inflation, and workers' earnings, 1999-2014

SOURCE: Kaiser/HRET Survey of Employer-Sponsored Health Benefits, 1999-2014; Bureau of Labor Statistics, Consumer Price Index, U.S. City Average of Annual Inflation (April to April), 1999-2014; Bureau of Labor Statistics, Seasonally Adjusted Data from the Current Employment Statistics Survey, 1999-2014 (April to April)

Family health insurance premiums
Workers' contribution to premiums
Workers' earnings
Overall inflation
250%
200%
150%
100%
50%
0%
212%
191%
54%
43%
'99
'00
'01
'02
'03
'04
'05
'06
'07
'08
'09
'10
'11
'12
'13
'14

The Dallas Morning News

Dallas officials to get update on bike lanes, ‘complete streets’ efforts

ROAD CLOSED
TX STD
TX STD

2011 File Photo/David Woo

Lowest Greenville was the site of one of the most notable “complete streets” redos. The number of lanes has dropped, parking has been added, sidewalks widened and crosswalks enhanced.

THE TEXAS TRIBUNE

In DFW, Struggle to Save Water and Prepare for Growth

TexasMonthly

Boom With A View

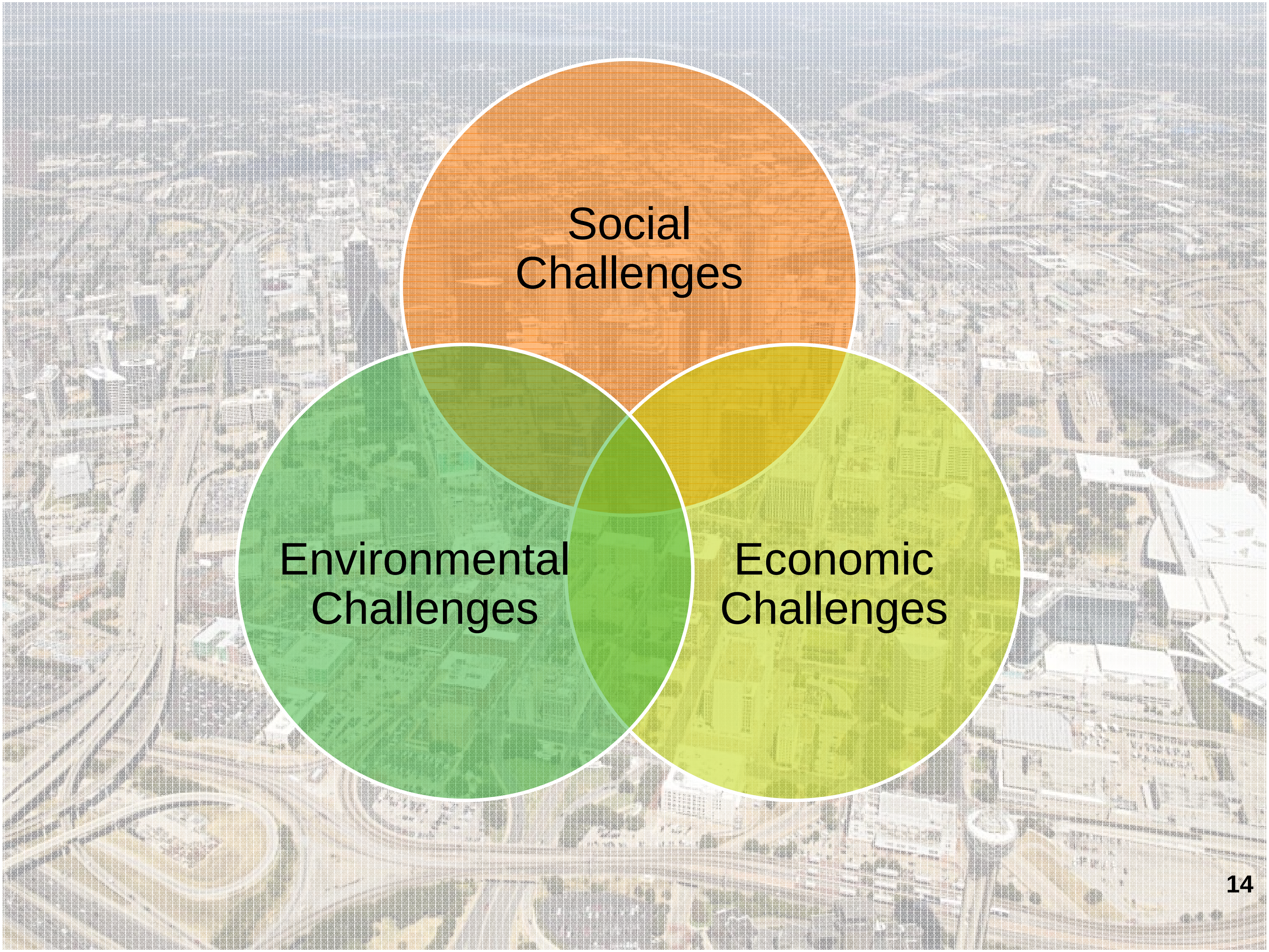
THE PERIL AND PROMISE OF BEING ONE OF THE FASTEST-GROWING CITIES IN TEXAS.

The Dallas Morning News

Poverty is eating at Dallas’ core

DALLAS BUSINESS JOURNAL

$1B 'Plan for Growth' in South Dallas



Social Challenges

Environmental Challenges

Economic Challenges

Climate-Smart Cities:

Smart Growth *for* Dallas

Data-driven decisions for the future of Dallas' parks, open spaces, and green infrastructure

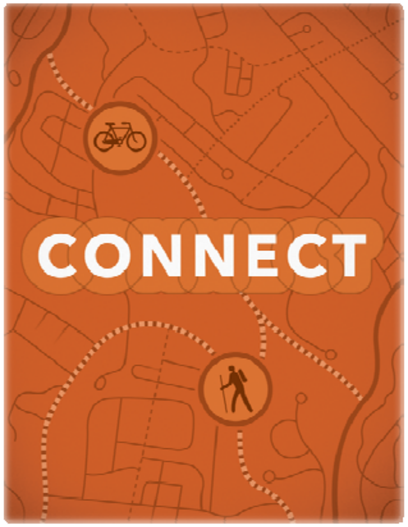
THE TRUST FOR PUBLIC LAND

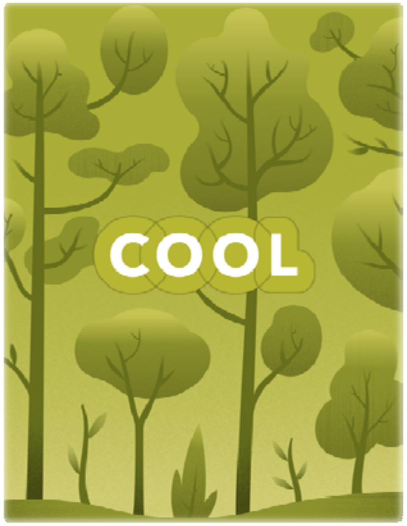
bc

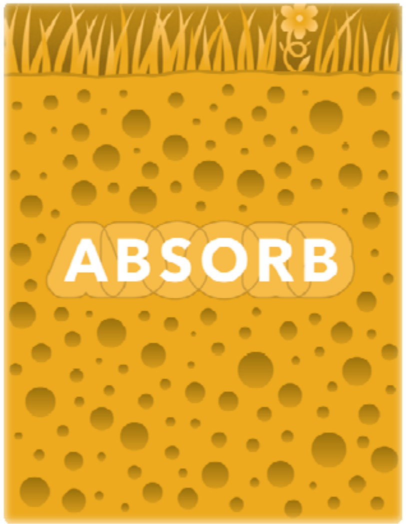
TEXAS TREES FOUNDATION

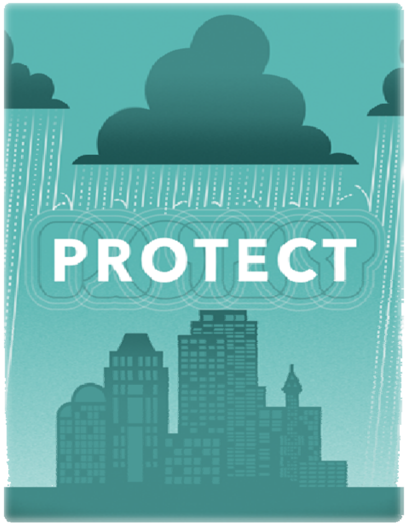
Climate-Smart Cities™ program: objectives

This program uses four strategies to help cities improve their climate resiliency:



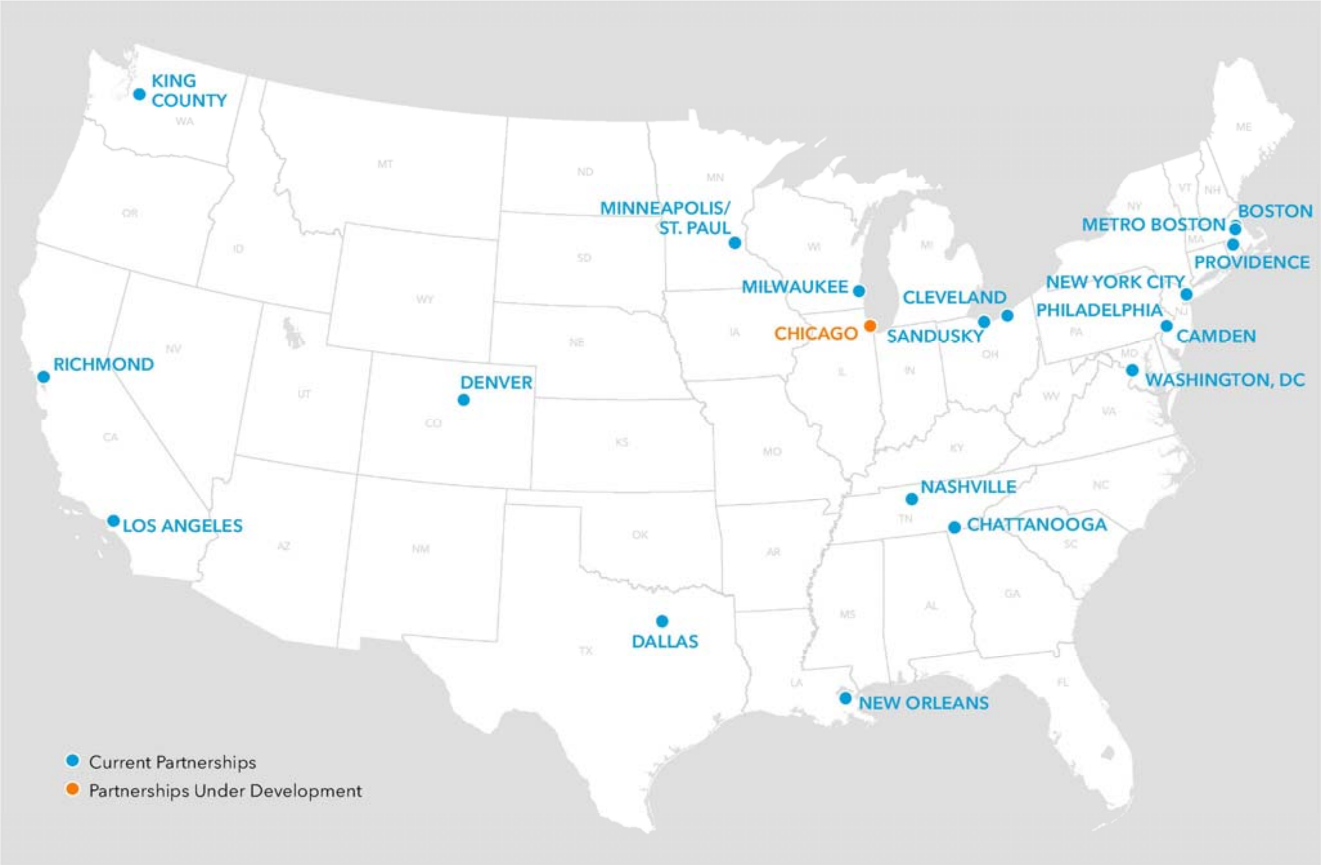






Through data, analysis, and mapping, we are helping cities identify key opportunities for using parks to improve their resilience to the challenges posed by a changing climate

Climate-Smart Cities™ program


KING COUNTY
RICHMOND
LOS ANGELES
DENVER
DALLAS
MINNEAPOLIS/ ST. PAUL
MILWAUKEE
CHICAGO
CLEVELAND
SANDUSKY
NASHVILLE
CHATTANOOGA
NEW ORLEANS
METRO BOSTON
BOSTON
PROVIDENCE
NEW YORK CITY
PHILADELPHIA
CAMDEN
WASHINGTON, DC
WA
OR
CA
ID
NV
MT
WY
UT
AZ
CO
NM
ND
SD
NE
KS
OK
TX
MN
IA
MO
AR
LA
WI
IL
MI
IN
OH
KY
TN
MS
AL
GA
FL
SC
NC
VA
WV
PA
MD
NJ
NY
VT
NH
MA
ME
● Current Partnerships
● Partnerships Under Development

Climate-Smart Cities Partnerships

April 25, 2016. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land.
Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

THE TRUST FOR PUBLIC LAND

Building on local success…

In collaboration with bcWORKSHOP, Texas Trees Foundation, and others, we developed *Smart Growth for Dallas* to be the “next step” that continues the work already underway in Dallas.

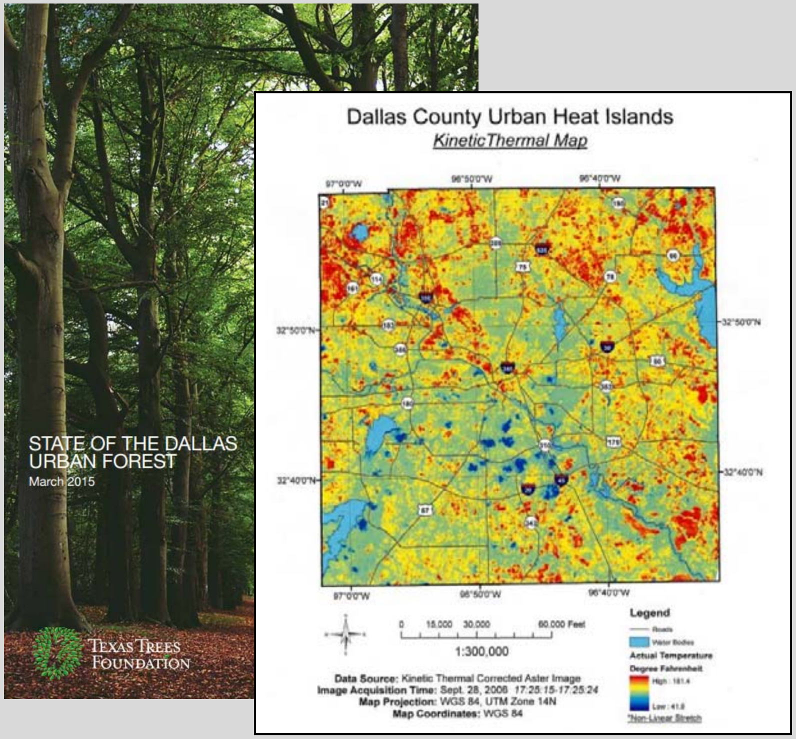
bcWORKSHOP

Race and the Control of Public Parks

Exall Park
LANDFORM
PROGRAMMING
ACCESS
Mill Creek Storm Sewer Bids Opened
For Negro Children
Negro Area in Park Protested to Council
Exall Park Residents To Form Civic League
Exall Park
Rose Garden!

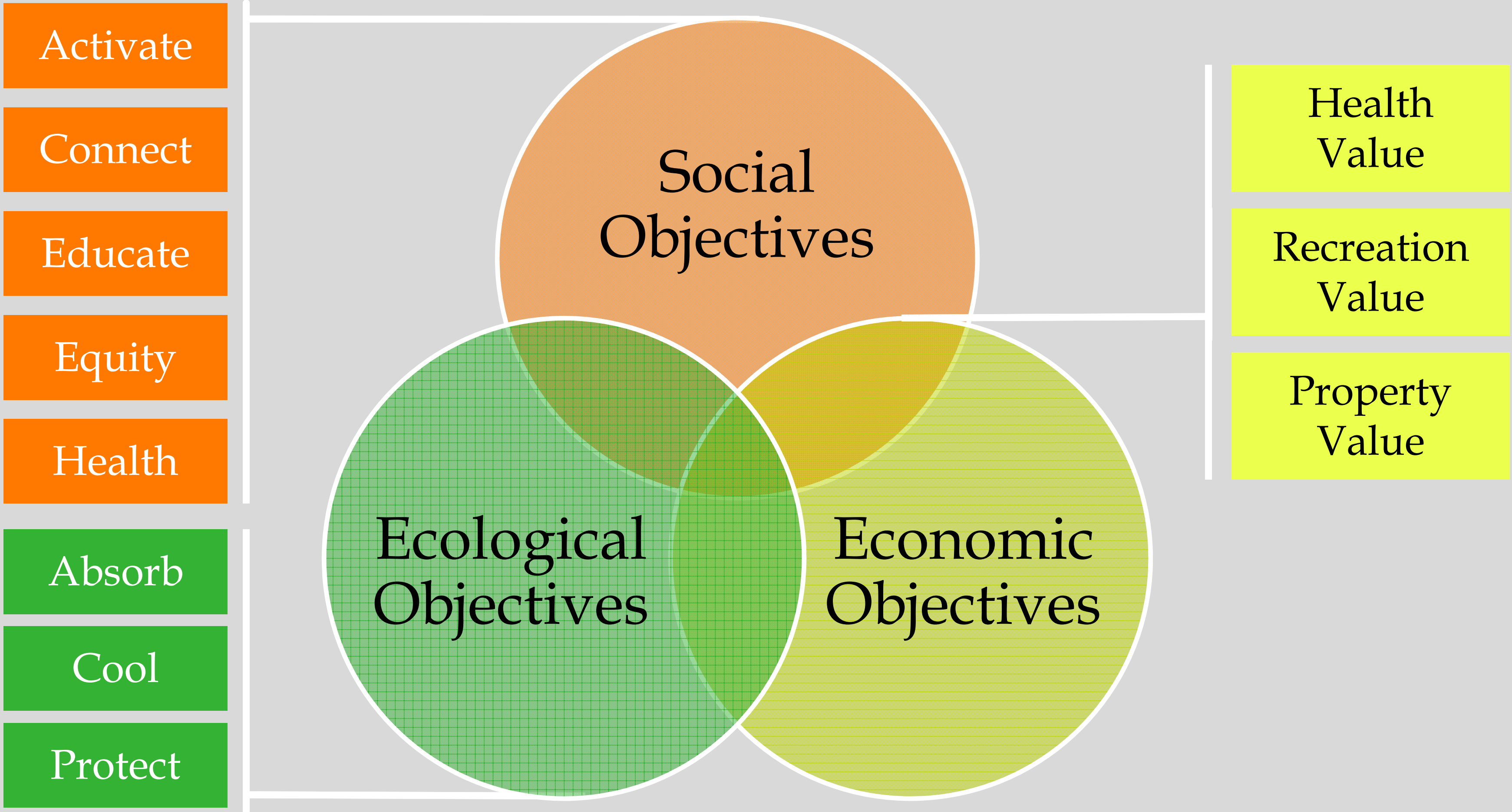
Texas Trees Foundation

State of the Dallas Urban Forest


STATE OF THE DALLAS URBAN FOREST
March 2015
Texas Trees Foundation
Dallas County Urban Heat Islands
KineticThermal Map
97°0'0"W
96°50'0"W
96°40'0"W
32°50'0"N
32°40'0"N
0 15,000 30,000 60,000 Feet
1:300,000
Legend
Roads
Water Bodies
Actual Temperature Degree Fahrenheit
High : 161.4
Low : 41.8
*Non-Linear Stretch
Data Source: Kinetic Thermal Corrected Aster Image
Image Acquisition Time: Sept. 28, 2006 17:25:15-17:25:24
Map Projection: WGS 84, UTM Zone 14N
Map Coordinates: WGS 84

Our "Triple Bottom Line" Strategy

Parks about more than beauty and recreation. We're using a ***"triple bottom line"*** *strategy that evaluates potential parks sites in Dallas based on eleven different* ***economic, social,*** *and* ***ecological*** *objectives*



Activate
Connect
Educate
Equity
Health

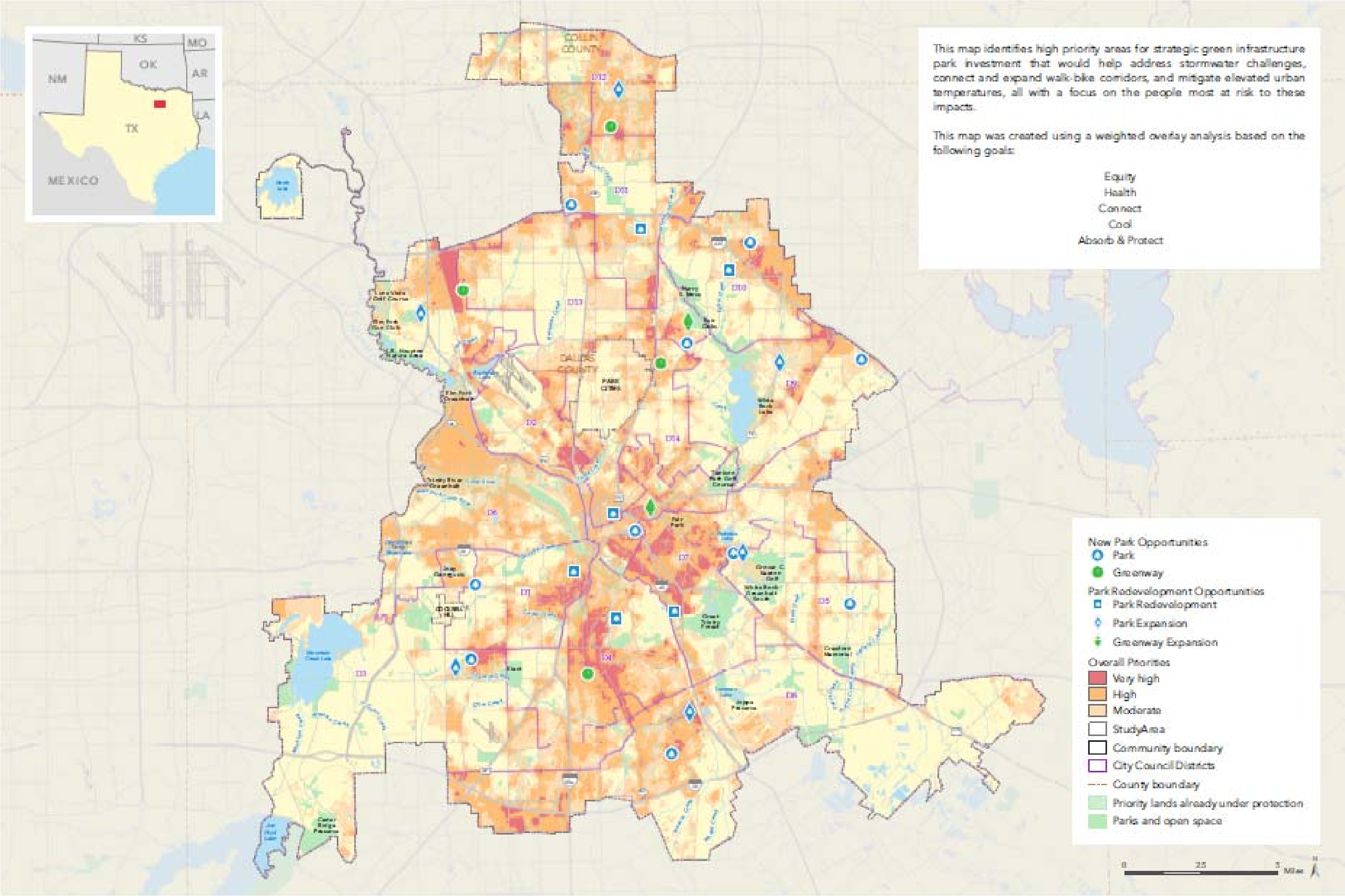
Absorb
Cool
Protect

Social Objectives

Ecological Objectives

Economic Objectives

Health Value
Recreation Value
Property Value



This map identifies high priority areas for strategic green infrastructure park investment that would help address stormwater challenges, connect and expand walk-bike corridors, and mitigate elevated urban temperatures, all with a focus on the people most at risk to these impacts.

This map was created using a weighted overlay analysis based on the following goals:

Equity
Health
Connect
Cool
Absorb & Protect

KS
MO
OK
AR
NM
TX
LA
MEXICO
COLLIN COUNTY
DALLAS COUNTY
PARK CITIES
COCKRELL HILL
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
New Park Opportunities
Park
Greenway
Park Redevelopment Opportunities
Park Redevelopment
Park Expansion
Greenway Expansion
Overall Priorities
Very high
High
Moderate
Study Area
Community boundary
City Council Districts
County boundary
Priority lands already under protection
Parks and open space
0
2.5
5
Miles
N

Overall Priorities & Illustrative Opportunities

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

September 8, 2016. Special thanks to the following data providers: US Bureau of the Census/ACS, Parkland Hospital, City of Dallas, Texas Dept. of Transportation, Dallas Area Rapid Transit, Natural Resource Conservation Service/SSURGO 2.2, USFWS, FEMA, Texas Trees Foundation. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

bc

Texas Trees Foundation

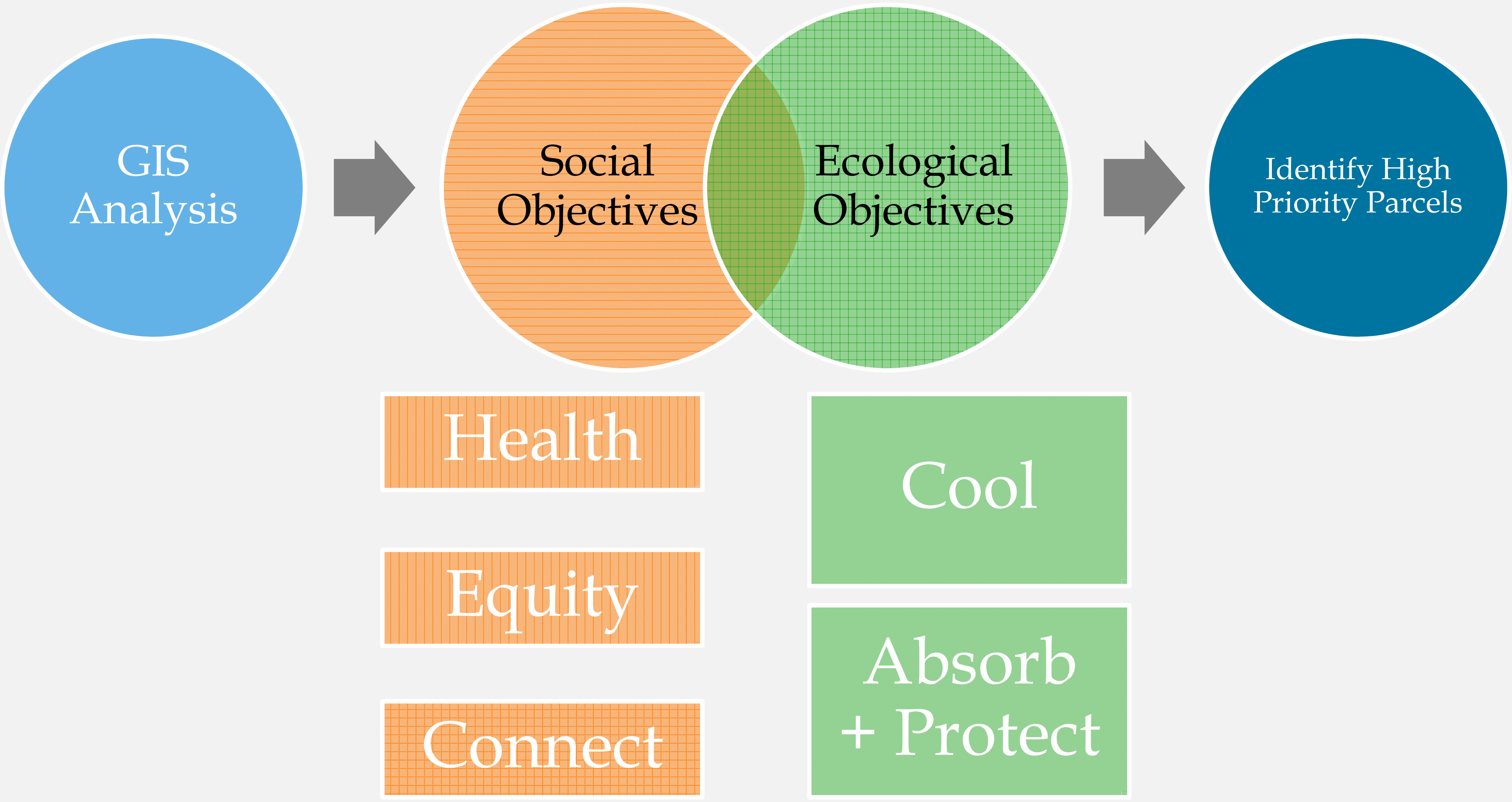
Dallas Park & Recreation

The Trust for Public Land

II. PHASE I DELIVERABLES

Citywide Maps and Analysis

SMART GROWTH FOR DALLAS
PHASE I ANALYSIS



GIS Analysis

Social Objectives

Ecological Objectives

Identify High Priority Parcels

Health

Equity

Connect

Cool

Absorb + Protect

Phase I Ecological Objectives

- ABSORB & PROTECT
  Parks and open space can absorb stormwater and serve as a buffer between rivers and surrounding development, providing flood protection. Our analysis identifies locations where green asset investments, such as expanded tree canopy or strategic park design and location can absorb stormwater and protect development from flooding.

- COOL
  Well-positioned green space and canopy cover can reduce ambient temperature by 5° to 10° F. Our analysis identifies areas of Dallas where parks and open space can reduce urban heat islands and cool nearby neighborhoods.

THE TRUST FOR PUBLIC LAND

Phase I Social Objectives

- CONNECT

  Many Dallas residents rely on biking paths, greenbelts, and linear parks for their daily transportation needs. Our analysis identifies areas where investments in cycling/pedestrian infrastructure can improve safety and improve connectivity between trails and transit.

- HEALTH

  By creating opportunities for active recreation, parks and open spaces are able to improve the health of nearby residents. Our analysis identifies areas of Dallas where parks can help combat diabetes, heart disease, and asthma.

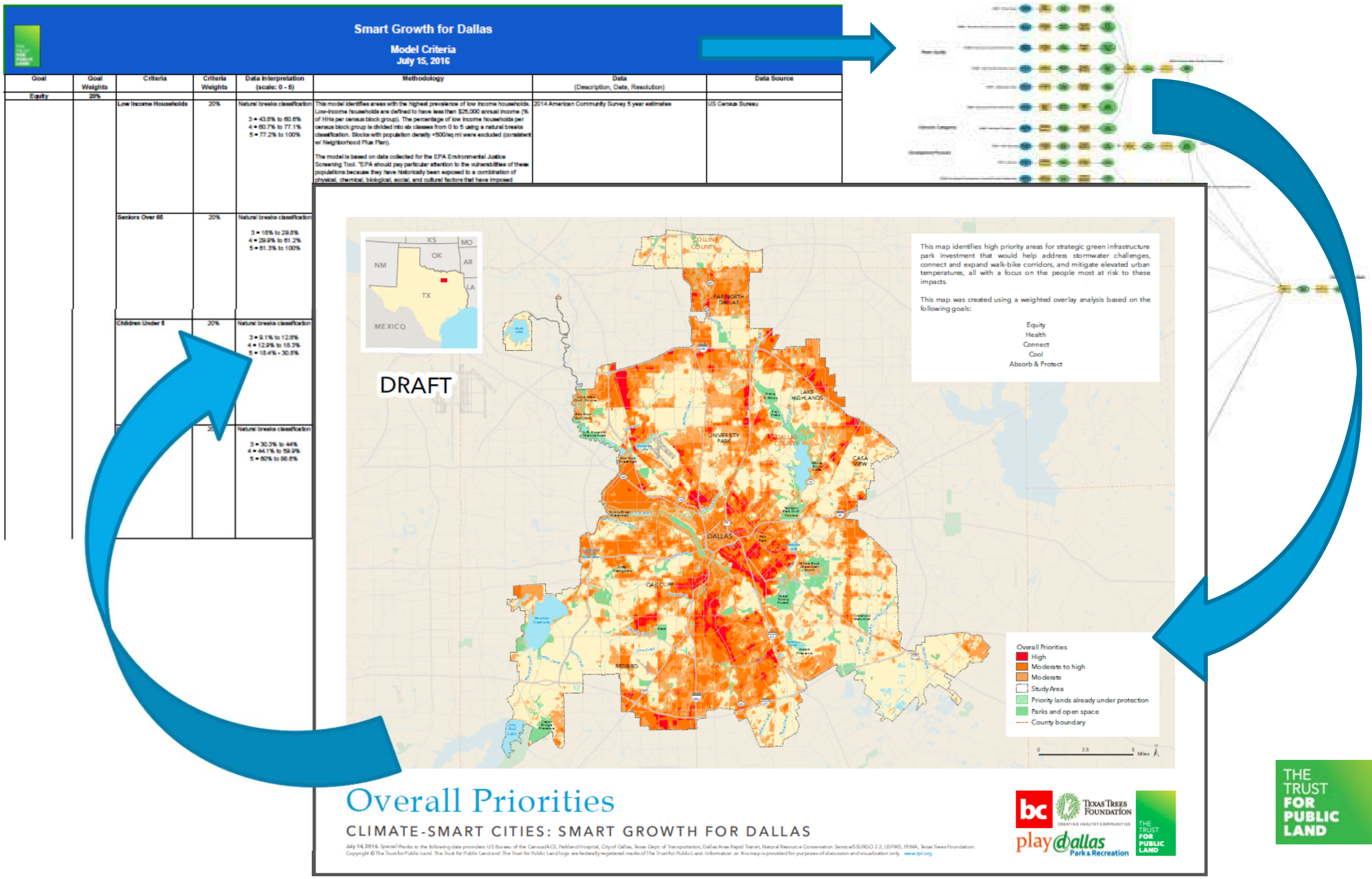
THE TRUST FOR PUBLIC LAND

Phase I Social Objectives *(continued)*

- EQUITY

  Parks are particularly important to neighborhoods with a high prevalence of low-income households, children, senior citizens, and residents with limited English-proficiency. For these groups, parks fill the need for common public space that may not be readily available in their neighborhoods. Our analysis identifies areas of Dallas where parks can provide common public space for these groups.

Data-driven and strategic decisions



Smart Growth for Dallas

Model Criteria
July 15, 2016

Goal	Goal Weights	Criteria	Criteria Weights	Data Interpretation (scale: 0 - 5)	Methodology	Data (Description, Date, Resolution)	Data Source
Equity	20%						
		Low Income Households	20%	Natural breaks classification 3 = 43.8% to 60.6% 4 = 60.7% to 77.1% 5 = 77.2% to 100%	This model identifies areas with the highest prevalence of low income households. Low-income households are defined to have less than $25,000 annual income (% of HHs per census block group). The percentage of low income households per census block group is divided into six classes from 0 to 5 using a natural breaks classification. Blocks with population density <500/sq mi were excluded (consistent w/ Neighborhood Plus Plan). The model is based on data collected for the EPA Environmental Justice Screening Tool. "EPA should pay particular attention to the vulnerabilities of these populations because they have historically been exposed to a combination of physical, chemical, biological, social, and cultural factors that have imposed	2014 American Community Survey 5 year estimates	US Census Bureau
		Seniors Over 65	20%	Natural breaks classification 3 = 18% to 29.8% 4 = 29.9% to 61.2% 5 = 61.3% to 100%			
		Children Under 5	20%	Natural breaks classification 3 = 9.1% to 12.8% 4 = 12.9% to 18.3% 5 = 18.4% - 30.8%			
			20%	Natural breaks classification 3 = 30.3% to 44% 4 = 44.1% to 59.9% 5 = 60% to 86.6%			

This map identifies high priority areas for strategic green infrastructure park investment that would help address stormwater challenges, connect and expand walk-bike corridors, and mitigate elevated urban temperatures, all with a focus on the people most at risk to these impacts.

This map was created using a weighted overlay analysis based on the following goals:

Equity
Health
Connect
Cool
Absorb & Protect

Overall Priorities
- 🟥 High
- 🟧 Moderate to high
- 🟧 Moderate
- ☐ Study Area
- ▨ Priority lands already under protection
- 🟩 Parks and open space
- --- County boundary

Overall Priorities

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

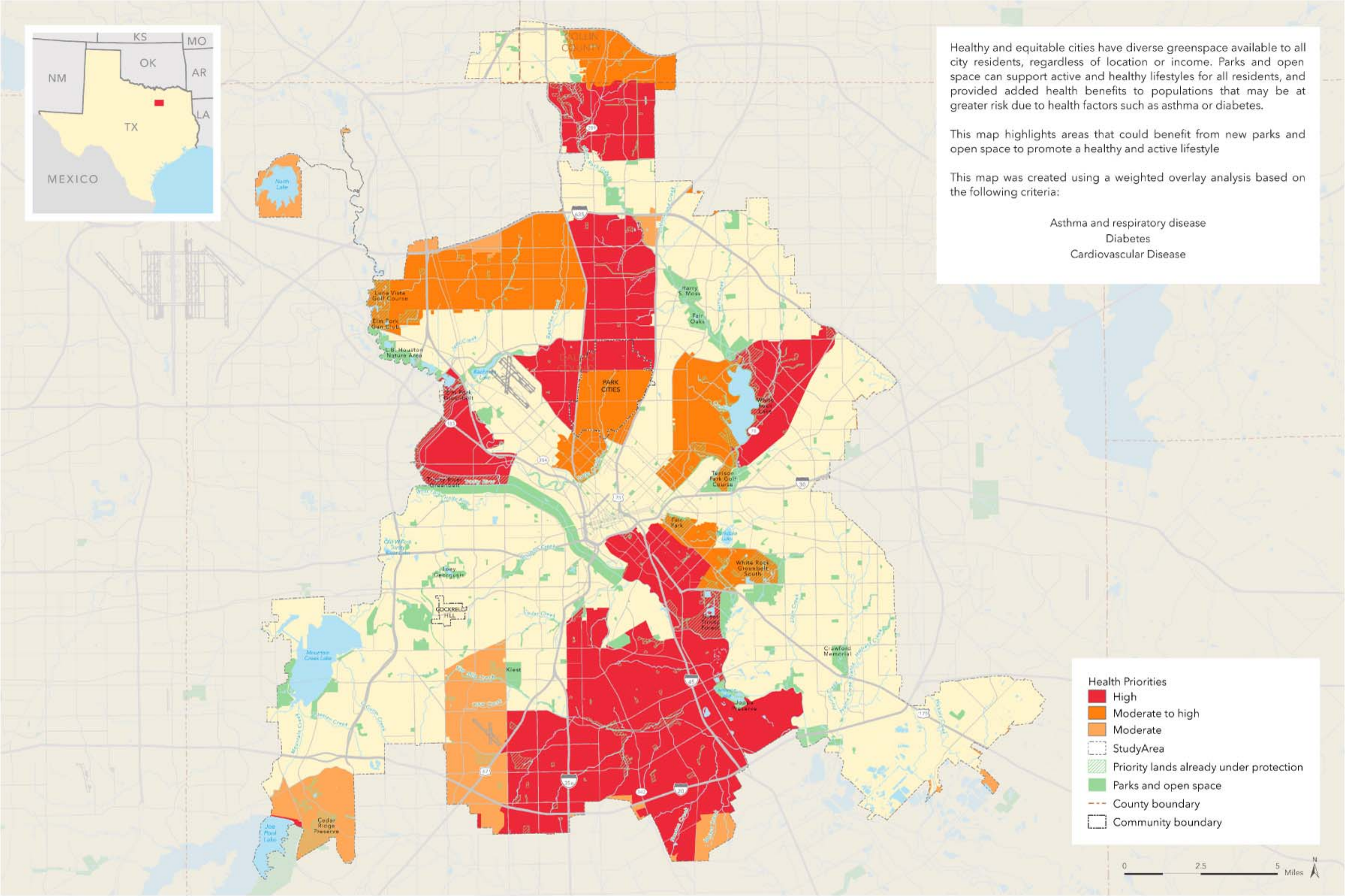
July 14, 2016. Special thanks to the following data providers: US Bureau of the Census/ACS, Parkland Hospital, City of Dallas, Texas Dept. of Transportation, Dallas Area Rapid Transit, Natural Resource Conservation Service/SSURGO 2.2, USFWS, FEMA, Texas Trees Foundation.

Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

Health

Increase access to active recreation in areas with high incidence of key public health challenges.

Criteria	Description
Asthma and respiratory disease	% of people within a zip code affected by asthma, emphysema, chronic bronchitis or sinusitus
Diabetes	% of people within a zip code affected by diabetes
Cardiovascular Disease	% of people within a zip code affected by angina, heart failure, coronary heart disease, heart attack, hypertension, or stroke



Healthy and equitable cities have diverse greenspace available to all city residents, regardless of location or income. Parks and open space can support active and healthy lifestyles for all residents, and provided added health benefits to populations that may be at greater risk due to health factors such as asthma or diabetes.

This map highlights areas that could benefit from new parks and open space to promote a healthy and active lifestyle

This map was created using a weighted overlay analysis based on the following criteria:

Asthma and respiratory disease
Diabetes
Cardiovascular Disease

Health Priorities
- 🟥 High
- 🟧 Moderate to high
- 🟧 Moderate
- ☐ StudyArea
- ▨ Priority lands already under protection
- 🟩 Parks and open space
- --- County boundary
- ☐ Community boundary

Health

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

August 17, 2016. Special thanks to the following data providers: City of Dallas, Truven Disease Prevalence by Zip Code - Parkland Hospital. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

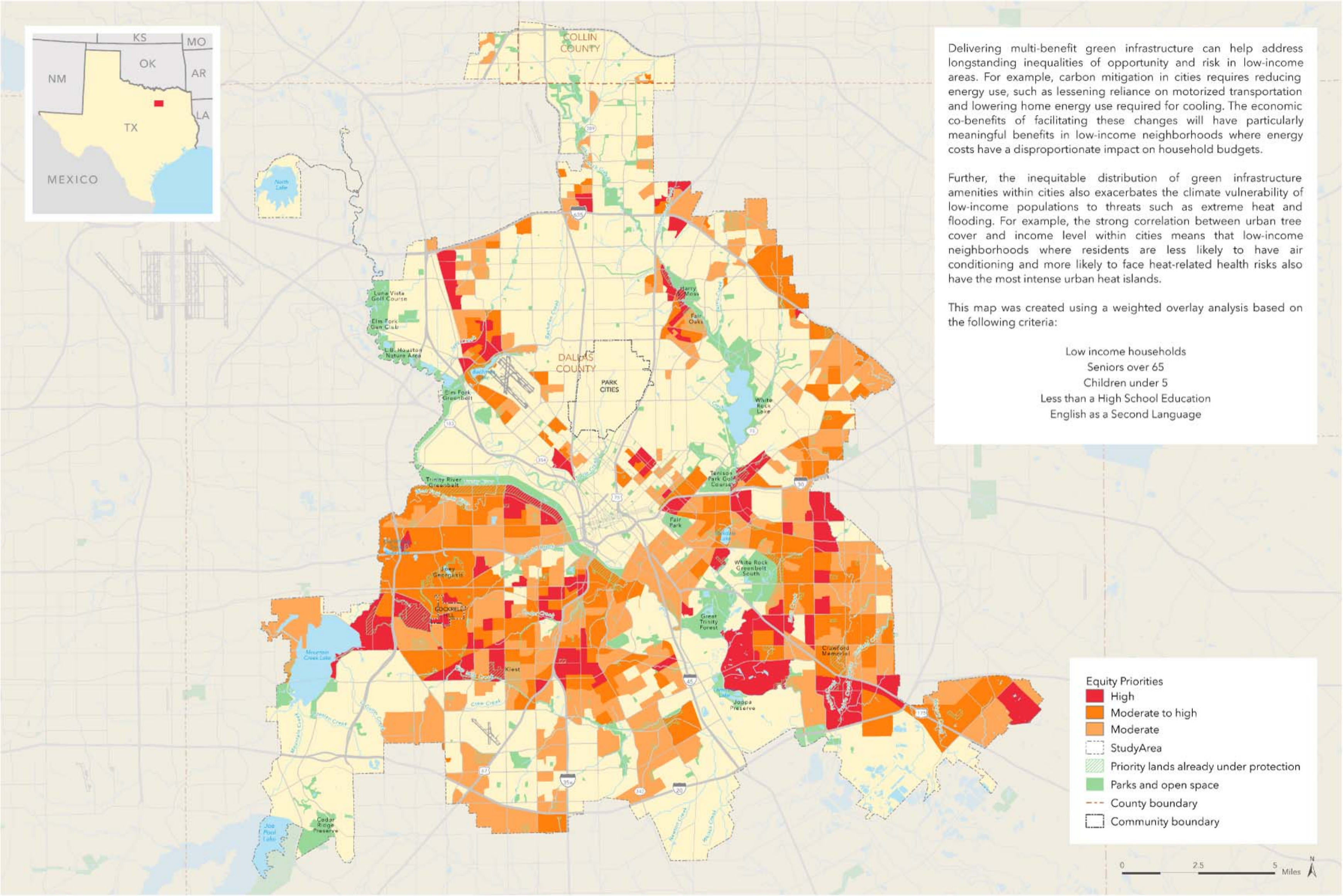
bc
Texas Trees Foundation
Creating Healthy Communities
Dallas Park & Recreation
The Trust for Public Land

Equity

Reduce barriers between social groups, improve park access for vulnerable and underserved populations, and make Dallas's parks and open space more equitable.

Criteria	Description
Low income households	% of households within a block group with an annual income less that $25k
Seniors over 64	% of population within a block group over 64 years of age
Children under 5	% of population within a block group younger than 5 years of age
Less than a High School Education	% of population within a block group with less than a high school education
English as a Second Language	% of households within a block group where no one age 14 and over speaks English "very well" or speaks English only

*From EPA's Environmental Justice Screen, a nationally consistent dataset that combines environmental and demographic indicators in maps and reports.


KS
MO
OK
AR
NM
TX
LA
MEXICO
COLLIN COUNTY
DALLAS COUNTY
PARK CITIES
North Lake
Luna Vista Golf Course
Elm Fork Gun Club
L.B. Houston Nature Area
Elm Fork Greenbelt
Harry Moss
Fair Oaks
White Rock Lake
Tenison Park Golf Course
Trinity River Greenbelt
Fair Park
White Rock Greenbelt South
Great Trinity Forest
Mountain Creek Lake
Kiest
Crawford Memorial
Joppa Preserve
Joe Pool Lake
Cedar Ridge Preserve
Equity Priorities
🟥 High
🟧 Moderate to high
🟧 Moderate
☐ StudyArea
▨ Priority lands already under protection
🟩 Parks and open space
--- County boundary
☐ Community boundary
0
2.5
5
Miles
N

Delivering multi-benefit green infrastructure can help address longstanding inequalities of opportunity and risk in low-income areas. For example, carbon mitigation in cities requires reducing energy use, such as lessening reliance on motorized transportation and lowering home energy use required for cooling. The economic co-benefits of facilitating these changes will have particularly meaningful benefits in low-income neighborhoods where energy costs have a disproportionate impact on household budgets.

Further, the inequitable distribution of green infrastructure amenities within cities also exacerbates the climate vulnerability of low-income populations to threats such as extreme heat and flooding. For example, the strong correlation between urban tree cover and income level within cities means that low-income neighborhoods where residents are less likely to have air conditioning and more likely to face heat-related health risks also have the most intense urban heat islands.

This map was created using a weighted overlay analysis based on the following criteria:

Low income households
Seniors over 65
Children under 5
Less than a High School Education
English as a Second Language

Equity

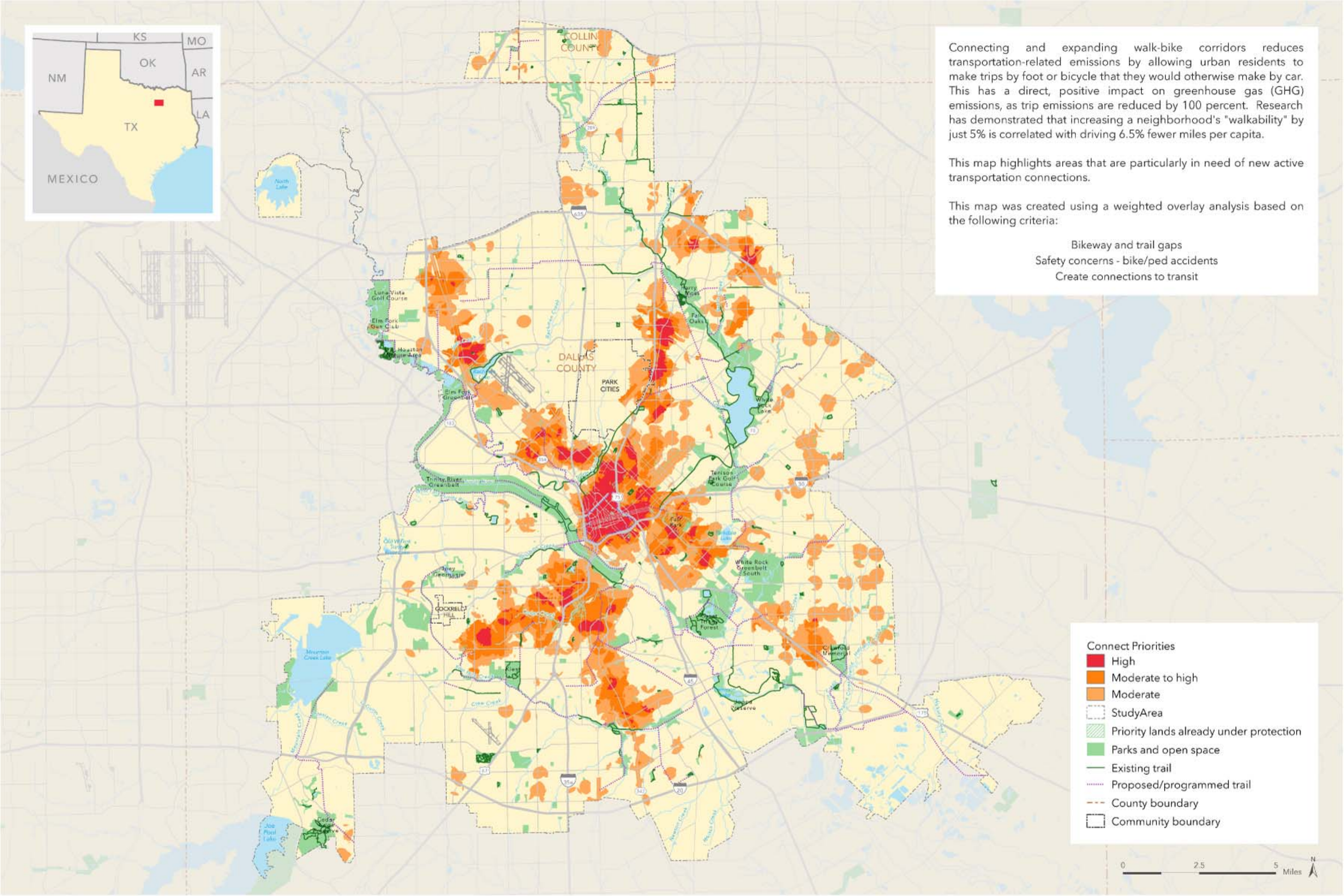
CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

August 17, 2016. Special thanks to the following data providers: City of Dallas, 2015 American Community Survey. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only.www.tpl.org

Connect

Enhance active transit connectivity through analysis of existing and planned bike infrastructure

Criteria	Description
Bikeway and trail gaps	Areas that lack access to trail and bike infrastructure based on existing and approved (funded) planned trails
Safety concerns – bike/ped accidents	Areas where there are safety concerns for bicyclists and pedestrians based on the density of vehicle-pedestrian and vehicle-bicycle crashes
Create connections to transit	Areas where green infrastructure can help connect people to public transit (Light rail and streetcar, where light rail was weighted higher)



KS
MO
OK
AR
NM
LA
TX
MEXICO
COLLIN COUNTY
DALLAS COUNTY
PARK CITIES
North Lake
Luna Vista Golf Course
Elm Fork Gun Club
Elm Fork Greenbelt
Trinity River Greenbelt
White Rock Lake
Tenison Park Golf Course
Fair Park
White Rock Greenbelt South
Mountain Creek Lake
Joe Pool Lake
Cedar Ridge Preserve
COCKRELL HILL
Connect Priorities
🟥 High
🟧 Moderate to high
🟧 Moderate
StudyArea
Priority lands already under protection
🟩 Parks and open space
Existing trail
Proposed/programmed trail
County boundary
Community boundary
0
2.5
5
Miles
N

Connecting and expanding walk-bike corridors reduces transportation-related emissions by allowing urban residents to make trips by foot or bicycle that they would otherwise make by car. This has a direct, positive impact on greenhouse gas (GHG) emissions, as trip emissions are reduced by 100 percent. Research has demonstrated that increasing a neighborhood's "walkability" by just 5% is correlated with driving 6.5% fewer miles per capita.

This map highlights areas that are particularly in need of new active transportation connections.

This map was created using a weighted overlay analysis based on the following criteria:

Bikeway and trail gaps
Safety concerns - bike/ped accidents
Create connections to transit

Connect

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

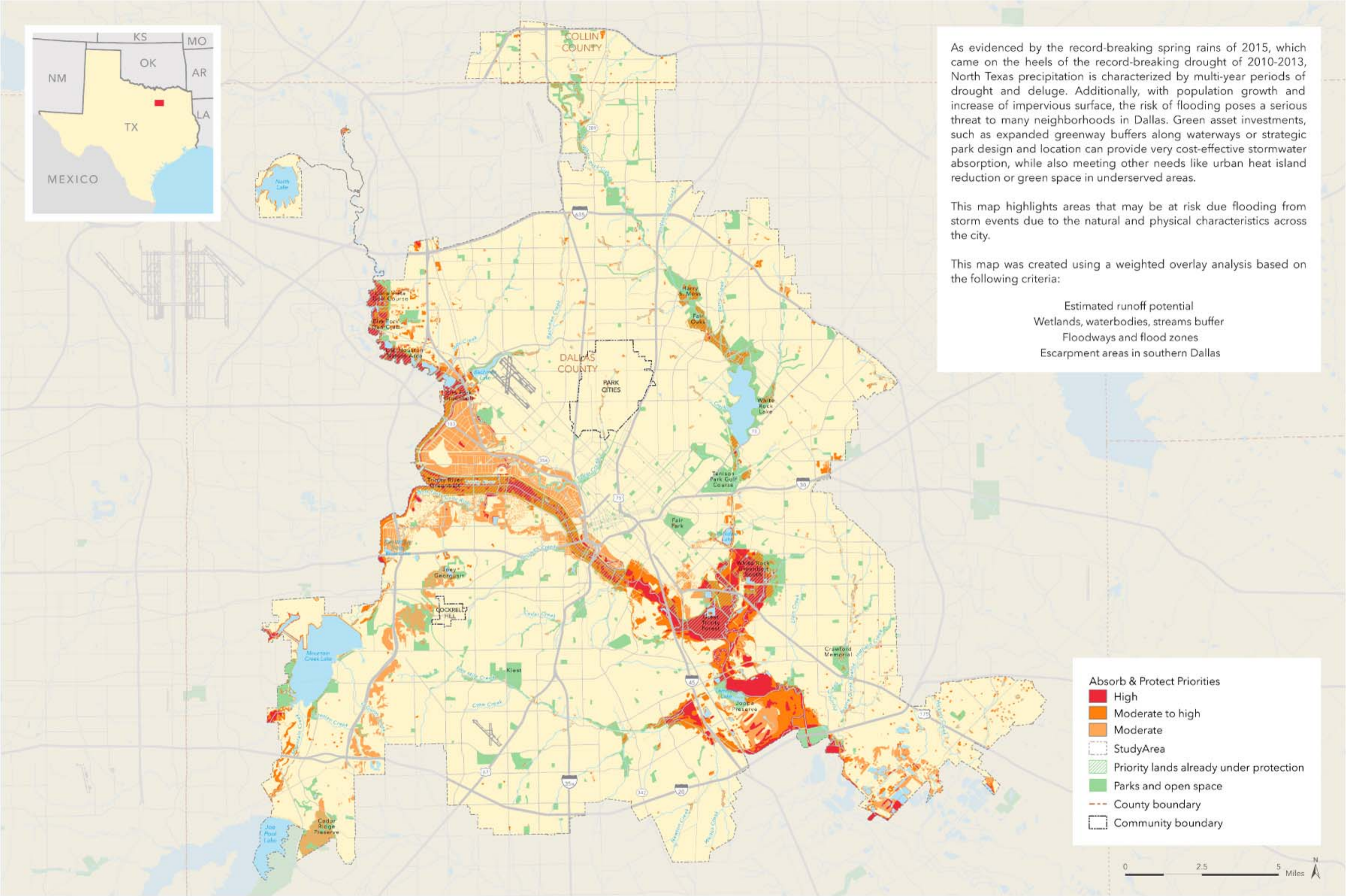
August 17, 2016. Special thanks to the following data providers: City of Dallas Parks and Rec, Texas Crash Report Information System 2010-2015 - Texas Dept. of Transportation, Dallas Area Rapid Transit. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

Texas Trees Foundation
CREATING HEALTHY COMMUNITIES
Dallas Park & Recreation
THE TRUST FOR PUBLIC LAND

Absorb & Protect

Provide cost-effective stormwater absorption through parks, open space, and green infrastructure in areas prone to increased flooding. Improve flood protection and reduce flash flood risks through creation of greenways along waterbodies.

Criteria	Description
Estimated runoff potential	Areas with potential for high amounts of runoff & flooding during storms. Calculated using soil type and land use information.
Wetlands, waterbodies, streams buffer	Wetlands, waterbodies and streams buffered by 100 feet to create high priority areas.
Floodways and flood zones	FEMA's floodzone areas were translated directly into priority areas
Escarpment areas in southern Dallas	Escarpment areas in southern Dallas, mapped by the city, were buffered by 200 feet.


KS
MO
OK
AR
NM
TX
LA
MEXICO
COLLIN COUNTY
DALLAS COUNTY
PARK CITIES
COCKRELL HILL
North Lake
Mountain Creek Lake
Joe Pool Lake
Cedar Ridge Preserve
White Rock Lake
Tenison Park Golf Course
Fair Park
Kiest
Crawford Memorial
Joppa Preserve
Absorb & Protect Priorities
🟥 High
🟧 Moderate to high
🟧 Moderate
☐ StudyArea
▨ Priority lands already under protection
🟩 Parks and open space
- - - County boundary
☐ Community boundary
0
2.5
5
Miles
N

As evidenced by the record-breaking spring rains of 2015, which came on the heels of the record-breaking drought of 2010-2013, North Texas precipitation is characterized by multi-year periods of drought and deluge. Additionally, with population growth and increase of impervious surface, the risk of flooding poses a serious threat to many neighborhoods in Dallas. Green asset investments, such as expanded greenway buffers along waterways or strategic park design and location can provide very cost-effective stormwater absorption, while also meeting other needs like urban heat island reduction or green space in underserved areas.

This map highlights areas that may be at risk due flooding from storm events due to the natural and physical characteristics across the city.

This map was created using a weighted overlay analysis based on the following criteria:

Estimated runoff potential
Wetlands, waterbodies, streams buffer
Floodways and flood zones
Escarpment areas in southern Dallas

Absorb & Protect

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

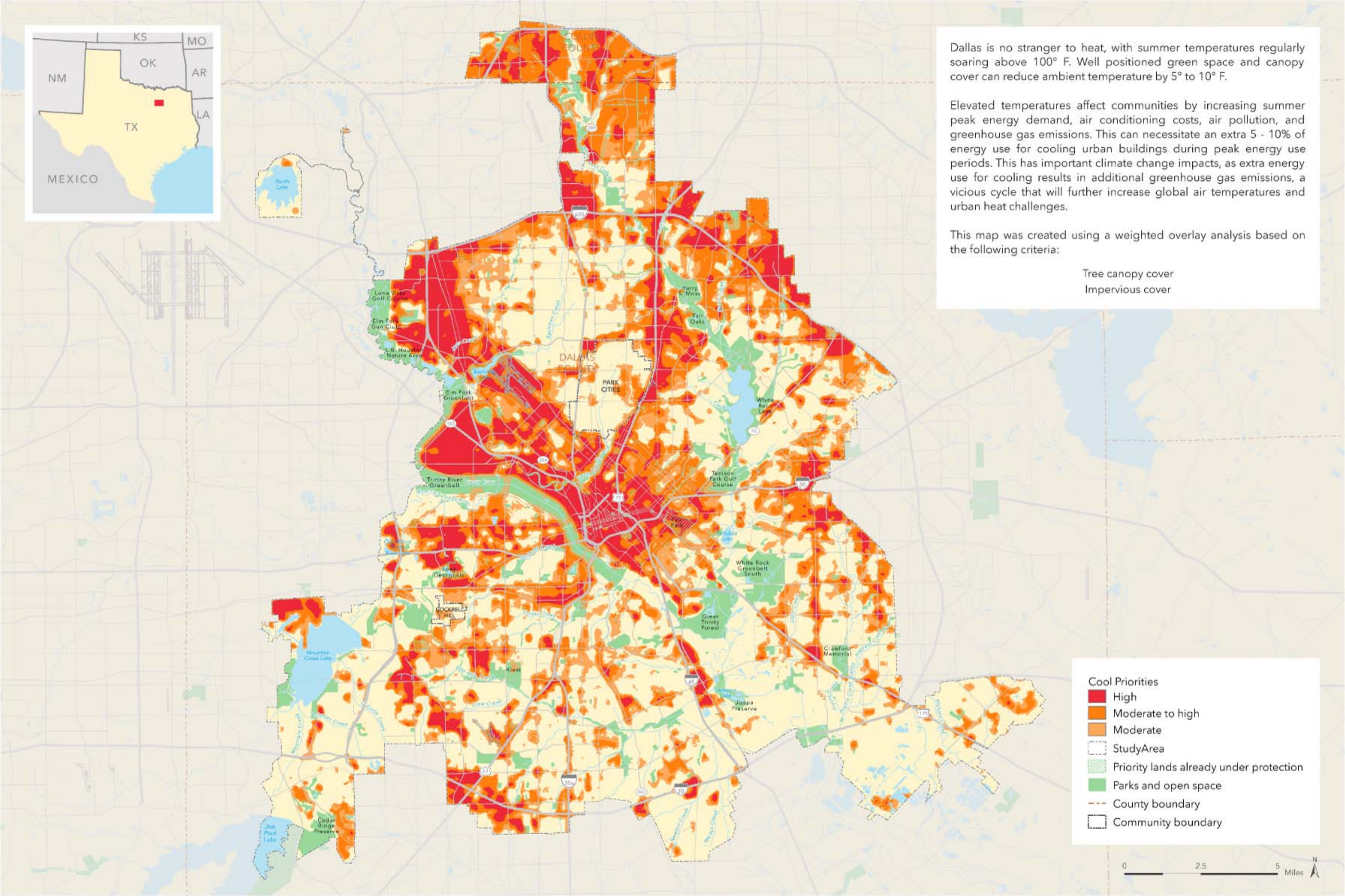
August 17, 2016. Special thanks to the following data providers: SSURGO2.2 - Natural Resource Conservation Service, North Central TX Council of Govts, National Wetlands Inventory (US Fish and Wildlife Service), Flood Hazard Areas - FEMA, Escarpment Overlay - City of Dallas.
Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

bc
Texas Trees Foundation
CREATING HEALTHY COMMUNITIES
Dallas Park & Recreation
THE TRUST FOR PUBLIC LAND

Cool

Reduce heat island impacts through strategic investment in green assets.

Criteria	Description
Tree canopy cover	Areas with low tree canopy cover
Impervious cover	Areas with high percentage of impervious cover


KS
MO
OK
AR
NM
TX
LA
MEXICO
North Lake
Luna Vista Golf Course
Elm Fork Gun Club
L.B. Houston Nature Area
Elm Fork Greenbelt
Trinity River Greenbelt
Harry S. Moss
Fair Oaks
DALLAS COUNTY
PARK CITIES
White Rock Lake
Tenison Park Golf Course
Fair Park
White Rock Greenbelt South
Great Trinity Forest
Crawford Memorial
Joppa Preserve
Kiest
COCKRELL HILL
Mountain Creek Lake
Cedar Ridge Preserve
Joe Pool Lake
Cool Priorities
🟥 High
🟧 Moderate to high
🟧 Moderate
☐ StudyArea
▨ Priority lands already under protection
🟩 Parks and open space
--- County boundary
☐ Community boundary
0
2.5
5
Miles
N

Dallas is no stranger to heat, with summer temperatures regularly soaring above 100° F. Well positioned green space and canopy cover can reduce ambient temperature by 5° to 10° F.

Elevated temperatures affect communities by increasing summer peak energy demand, air conditioning costs, air pollution, and greenhouse gas emissions. This can necessitate an extra 5 - 10% of energy use for cooling urban buildings during peak energy use periods. This has important climate change impacts, as extra energy use for cooling results in additional greenhouse gas emissions, a vicious cycle that will further increase global air temperatures and urban heat challenges.

This map was created using a weighted overlay analysis based on the following criteria:

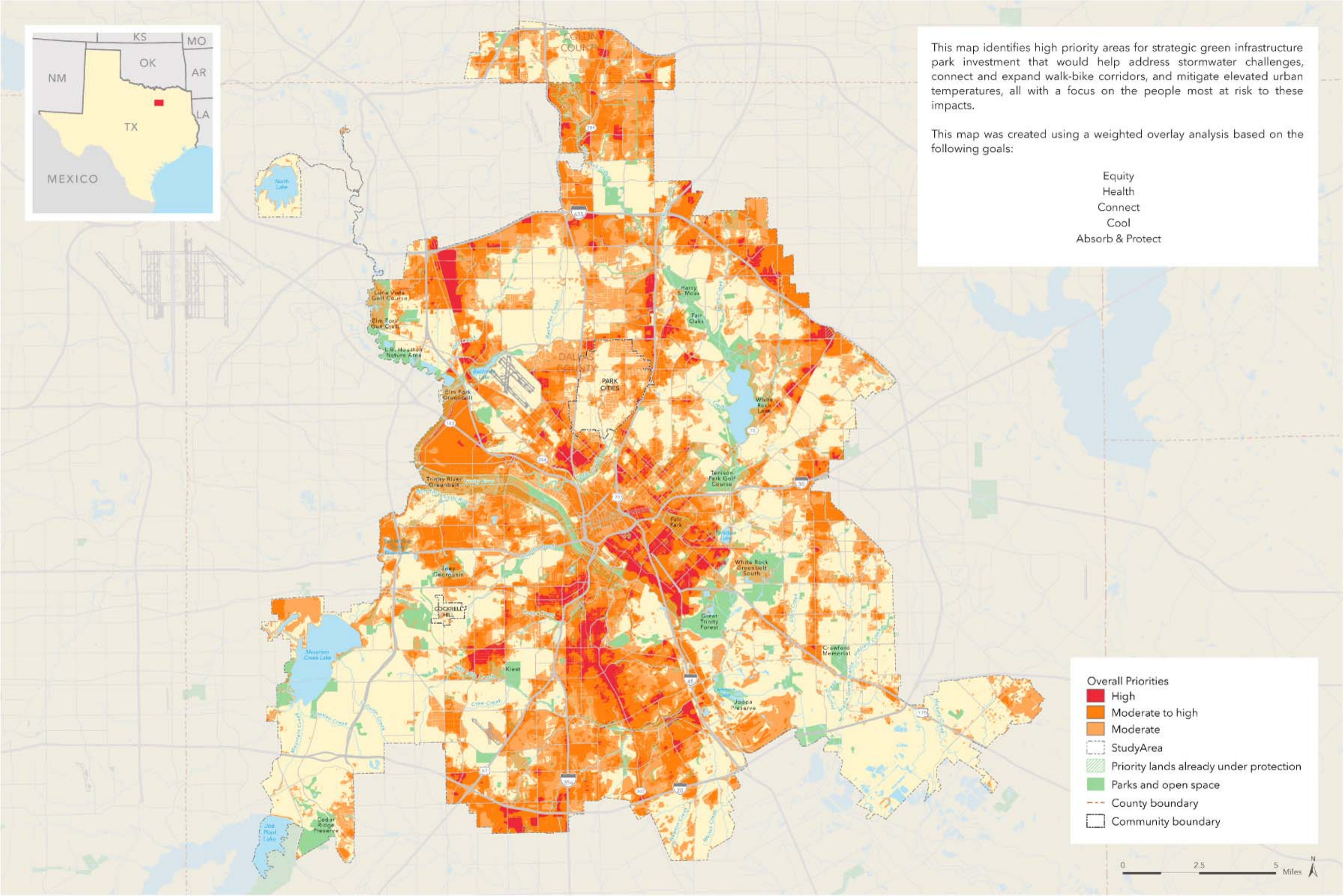
Tree canopy cover
Impervious cover

Cool

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

August 17, 2016. Special thanks to the following data providers: Texas Tree Foundation, City of Dallas. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

bc
Texas Trees Foundation
Creating Healthy Communities
Dallas Park & Recreation
The Trust for Public Land


KS
MO
OK
AR
NM
TX
LA
MEXICO
DALLAS COUNTY
COLLIN COUNTY
PARK CITIES
COCKRELL HILL
North Lake
Mountain Creek Lake
White Rock Lake
Joe Pool Lake
Great Trinity Forest
Trinity River Greenbelt
White Rock Greenbelt South
Cedar Ridge Preserve
Crawford Memorial
Joppa Preserve
Kiest
Fair Park
Fair Oaks
Tenison Park Golf Course
L.B. Houston Nature Area
Elm Fork Greenbelt
0
2.5
5
Miles
N

This map identifies high priority areas for strategic green infrastructure park investment that would help address stormwater challenges, connect and expand walk-bike corridors, and mitigate elevated urban temperatures, all with a focus on the people most at risk to these impacts.

This map was created using a weighted overlay analysis based on the following goals:

Equity
Health
Connect
Cool
Absorb & Protect

Overall Priorities

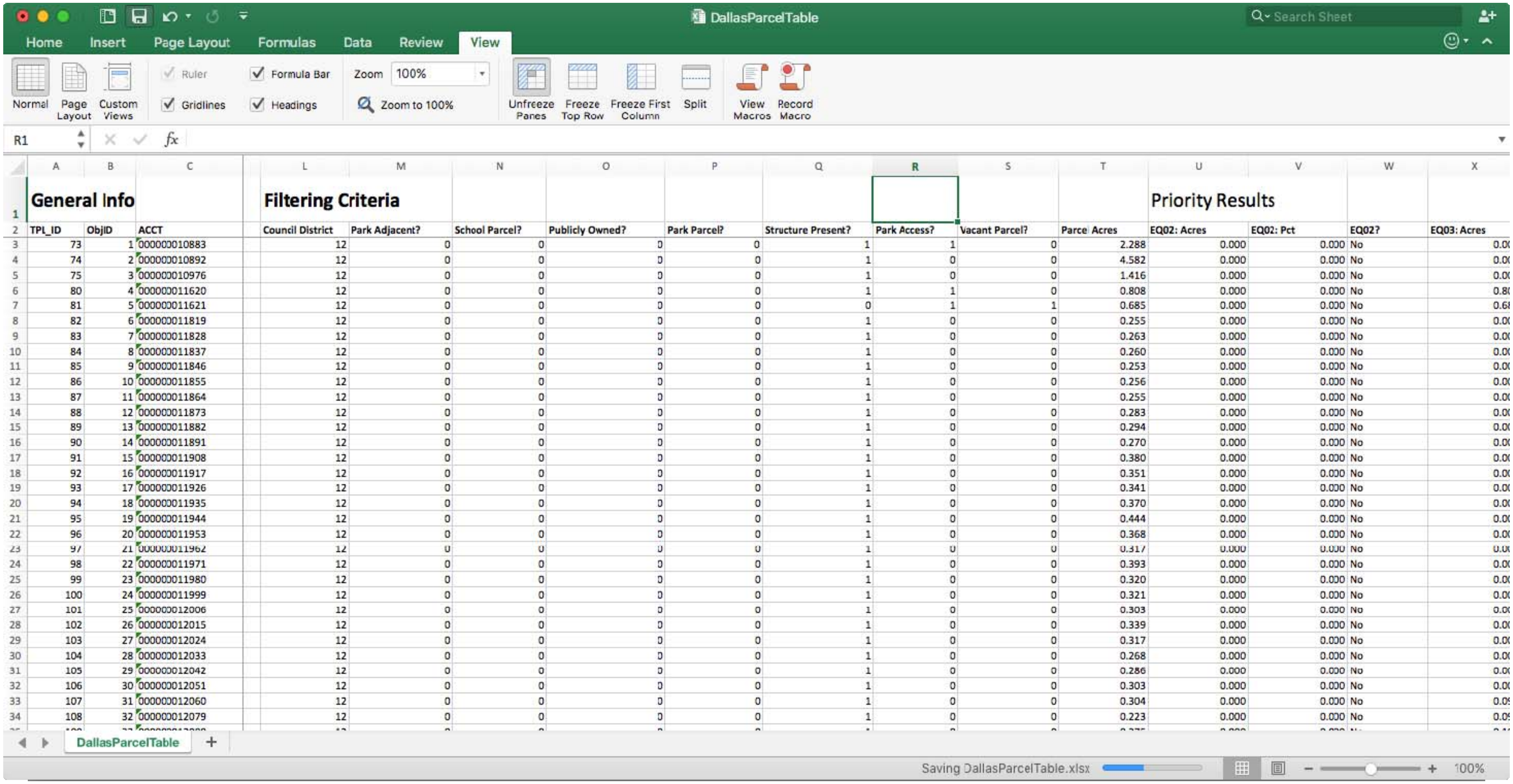
- 🟥 High
- 🟧 Moderate to high
- 🟧 Moderate
- ☐ StudyArea
- ▨ Priority lands already under protection
- 🟩 Parks and open space
- - - - County boundary
- ☐ Community boundary

Overall Priorities

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

August 17, 2016. Special thanks to the following data providers: US Bureau of the Census/ACS, Parkland Hospital, City of Dallas, Texas Dept. of Transportation, Dallas Area Rapid Transit, Natural Resource Conservation Service/SSURGO 2.2, USFWS, FEMA, Texas Trees Foundation.
Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

Parcel Table


DallasParcelTable
Search Sheet
Home
Insert
Page Layout
Formulas
Data
Review
View
Normal
Page Layout
Custom Views
Ruler
Gridlines
Formula Bar
Headings
Zoom
100%
Zoom to 100%
Unfreeze Panes
Freeze Top Row
Freeze First Column
Split
View Macros
Record Macro
R1
fx
DallasParcelTable
+
100%

	A	B	C	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	General Info			Filtering Criteria									Priority Results			
2	TPL_ID	ObjID	ACCT	Council District	Park Adjacent?	School Parcel?	Publicly Owned?	Park Parcel?	Structure Present?	Park Access?	Vacant Parcel?	Parcel Acres	EQ02: Acres	EQ02: Pct	EQ02?	EQ03: Acres
3	73	1	000000010883	12	0	0	0	0	1	1	0	2.288	0.000	0.000	No	0.0
4	74	2	000000010892	12	0	0	0	0	1	0	0	4.582	0.000	0.000	No	0.0
5	75	3	000000010976	12	0	0	0	0	1	0	0	1.416	0.000	0.000	No	0.0
6	80	4	000000011620	12	0	0	0	0	1	1	0	0.808	0.000	0.000	No	0.8
7	81	5	000000011621	12	0	0	0	0	0	1	1	0.685	0.000	0.000	No	0.6
8	82	6	000000011819	12	0	0	0	0	1	0	0	0.255	0.000	0.000	No	0.0
9	83	7	000000011828	12	0	0	0	0	1	0	0	0.263	0.000	0.000	No	0.0
10	84	8	000000011837	12	0	0	0	0	1	0	0	0.260	0.000	0.000	No	0.0
11	85	9	000000011846	12	0	0	0	0	1	0	0	0.253	0.000	0.000	No	0.0
12	86	10	000000011855	12	0	0	0	0	1	0	0	0.256	0.000	0.000	No	0.0
13	87	11	000000011864	12	0	0	0	0	1	0	0	0.255	0.000	0.000	No	0.0
14	88	12	000000011873	12	0	0	0	0	1	0	0	0.283	0.000	0.000	No	0.0
15	89	13	000000011882	12	0	0	0	0	1	0	0	0.294	0.000	0.000	No	0.0
16	90	14	000000011891	12	0	0	0	0	1	0	0	0.270	0.000	0.000	No	0.0
17	91	15	000000011908	12	0	0	0	0	1	0	0	0.380	0.000	0.000	No	0.0
18	92	16	000000011917	12	0	0	0	0	1	0	0	0.351	0.000	0.000	No	0.0
19	93	17	000000011926	12	0	0	0	0	1	0	0	0.341	0.000	0.000	No	0.0
20	94	18	000000011935	12	0	0	0	0	1	0	0	0.370	0.000	0.000	No	0.0
21	95	19	000000011944	12	0	0	0	0	1	0	0	0.444	0.000	0.000	No	0.0
22	96	20	000000011953	12	0	0	0	0	1	0	0	0.368	0.000	0.000	No	0.0
23	97	21	000000011962	12	0	0	0	0	1	0	0	0.317	0.000	0.000	No	0.0
24	98	22	000000011971	12	0	0	0	0	1	0	0	0.393	0.000	0.000	No	0.0
25	99	23	000000011980	12	0	0	0	0	1	0	0	0.320	0.000	0.000	No	0.0
26	100	24	000000011999	12	0	0	0	0	1	0	0	0.321	0.000	0.000	No	0.0
27	101	25	000000012006	12	0	0	0	0	1	0	0	0.303	0.000	0.000	No	0.0
28	102	26	000000012015	12	0	0	0	0	1	0	0	0.339	0.000	0.000	No	0.0
29	103	27	000000012024	12	0	0	0	0	1	0	0	0.317	0.000	0.000	No	0.0
30	104	28	000000012033	12	0	0	0	0	1	0	0	0.268	0.000	0.000	No	0.0
31	105	29	000000012042	12	0	0	0	0	1	0	0	0.286	0.000	0.000	No	0.0
32	106	30	000000012051	12	0	0	0	0	1	0	0	0.303	0.000	0.000	No	0.0
33	107	31	000000012060	12	0	0	0	0	1	0	0	0.304	0.000	0.000	No	0.0
34	108	32	000000012079	12	0	0	0	0	1	0	0	0.223	0.000	0.000	No	0.0

Saving DallasParcelTable.xlsx

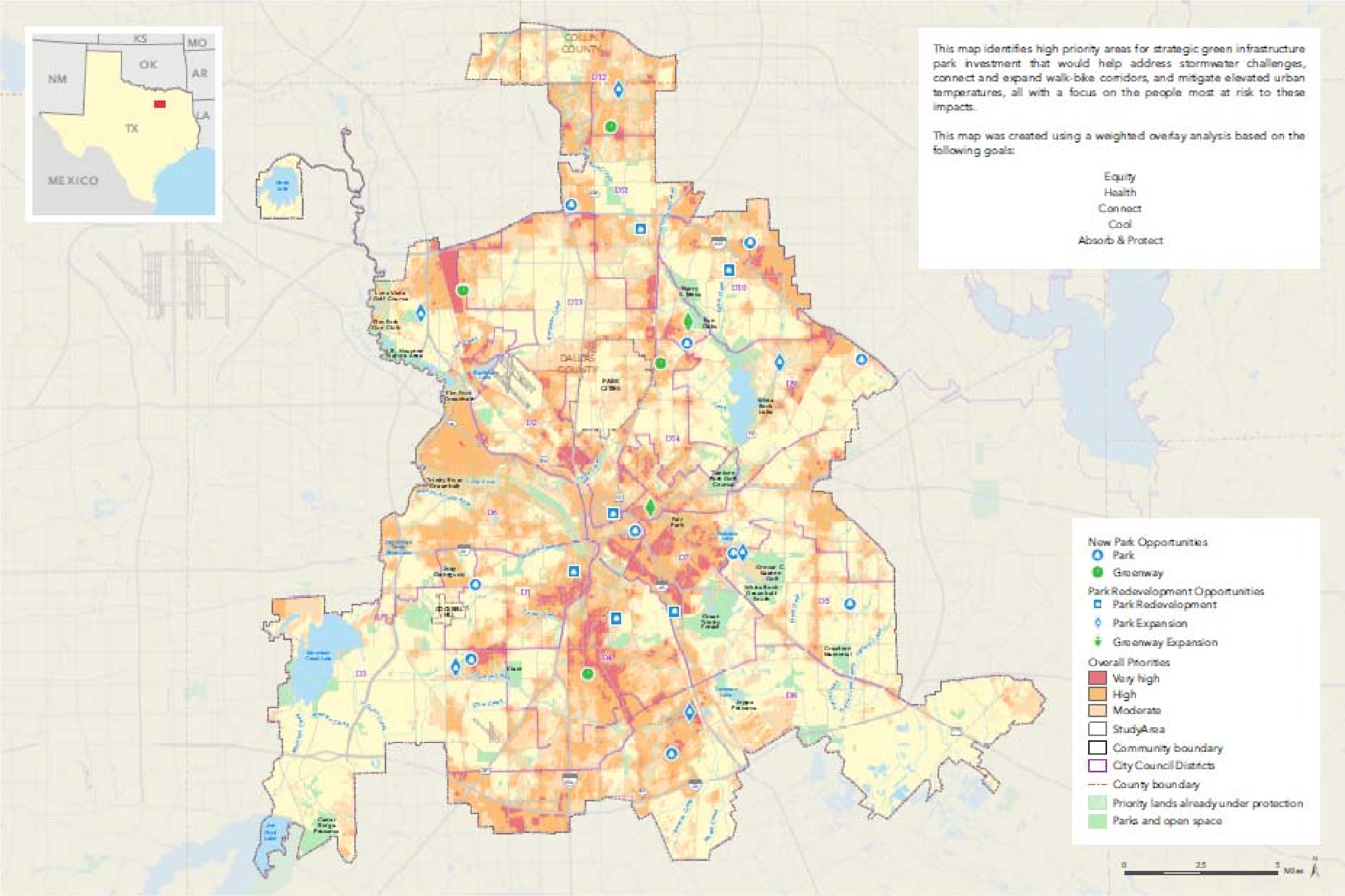
THE
TRUST
FOR
PUBLIC
LAND

II. PHASE I DELIVERABLES

High-Priority Opportunities

How much land is available for parks?

- We identified over 3,500 acres of land that we consider “high opportunity” for new park development.
  - 1,600 acres are publicly owned (City of Dallas, DART, etc.)
  - 1,900 acres are privately owned
  - All land is considered vacant
  - In areas currently underserved by parks
- The county appraisal districts value the privately-owned land at $117 million.
- If we consider just the five largest park creation opportunities in each council district, we have identified 669 acres of land, valued at $52 million.


KS
MO
OK
AR
NM
TX
LA
MEXICO
COLLIN COUNTY
DALLAS COUNTY
PARK CITIES
COCKRELL HILL
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
White Rock Lake
Fair Park
0
2.5
5
Miles
N

This map identifies high priority areas for strategic green infrastructure park investment that would help address stormwater challenges, connect and expand walk-bike corridors, and mitigate elevated urban temperatures, all with a focus on the people most at risk to these impacts.

This map was created using a weighted overlay analysis based on the following goals:

Equity
Health
Connect
Cool
Absorb & Protect

New Park Opportunities
- Park
- Greenway

Park Redevelopment Opportunities
- Park Redevelopment
- Park Expansion
- Greenway Expansion

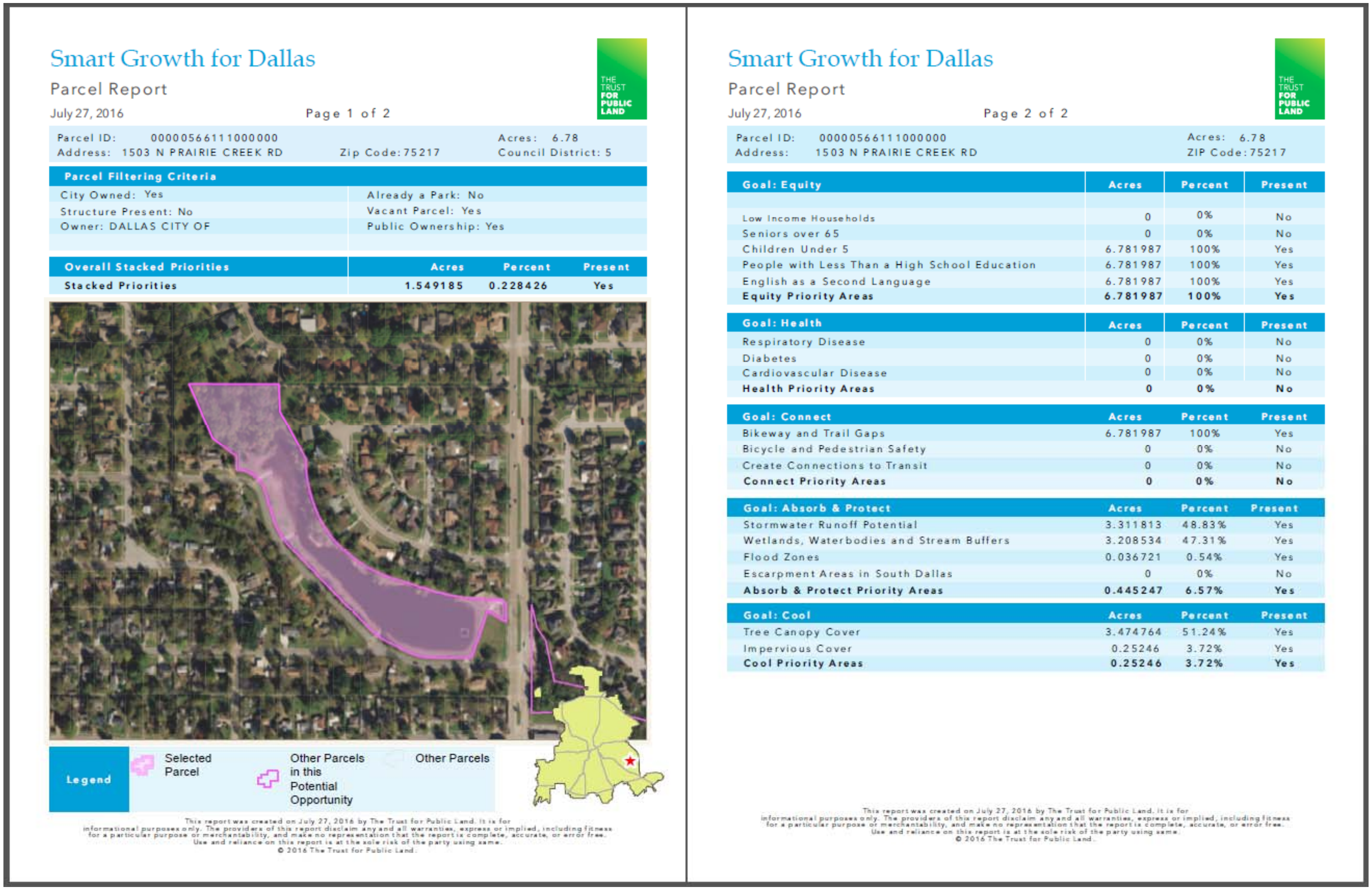
Overall Priorities
- 🟥 Very high
- 🟧 High
- ▨ Moderate
- ☐ Study Area
- ☐ Community boundary
- ☐ City Council Districts
- --- County boundary
- 🟩 Priority lands already under protection
- 🟩 Parks and open space

Overall Priorities & Illustrative Opportunities

CLIMATE-SMART CITIES: SMART GROWTH FOR DALLAS

September 8, 2016. Special thanks to the following data providers: US Bureau of the Census/ACS, Parkland Hospital, City of Dallas, Texas Dept. of Transportation, Dallas Area Rapid Transit, Natural Resource Conservation Service/SSURGO 2.2, USFWS, FEMA, Texas Trees Foundation. Copyright © The Trust for Public Land. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Information on this map is provided for purposes of discussion and visualization only. www.tpl.org

Data-informed and strategic decisions



Smart Growth for Dalllas

Parcel Report

July 27, 2016 Page 1 of 2

Parcel ID: 000005661110000000 Acres: 6.78
Address: 1503 N PRAIRIE CREEK RD Zip Code: 75217 Council District: 5

Parcel Filtering Criteria	
City Owned: Yes	Already a Park: No
Structure Present: No	Vacant Parcel: Yes
Owner: DALLAS CITY OF	Public Ownership: Yes

Overall Stacked Priorities	Acres	Percent	Present
Stacked Priorities	1.549185	0.228426	Yes

Legend
Selected Parcel
Other Parcels in this Potential Opportunity
Other Parcels

This report was created on July 27, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

Smart Growth for Dallas

Parcel Report

July 27, 2016 Page 2 of 2

Parcel ID: 000005661110000000 Acres: 6.78
Address: 1503 N PRAIRIE CREEK RD ZIP Code: 75217

Goal: Equity	Acres	Percent	Present
Low Income Households	0	0%	No
Seniors over 65	0	0%	No
Children Under 5	6.781987	100%	Yes
People with Less Than a High School Education	6.781987	100%	Yes
English as a Second Language	6.781987	100%	Yes
Equity Priority Areas	**6.781987**	**100%**	**Yes**

Goal: Health	Acres	Percent	Present
Respiratory Disease	0	0%	No
Diabetes	0	0%	No
Cardiovascular Disease	0	0%	No
Health Priority Areas	**0**	**0%**	**No**

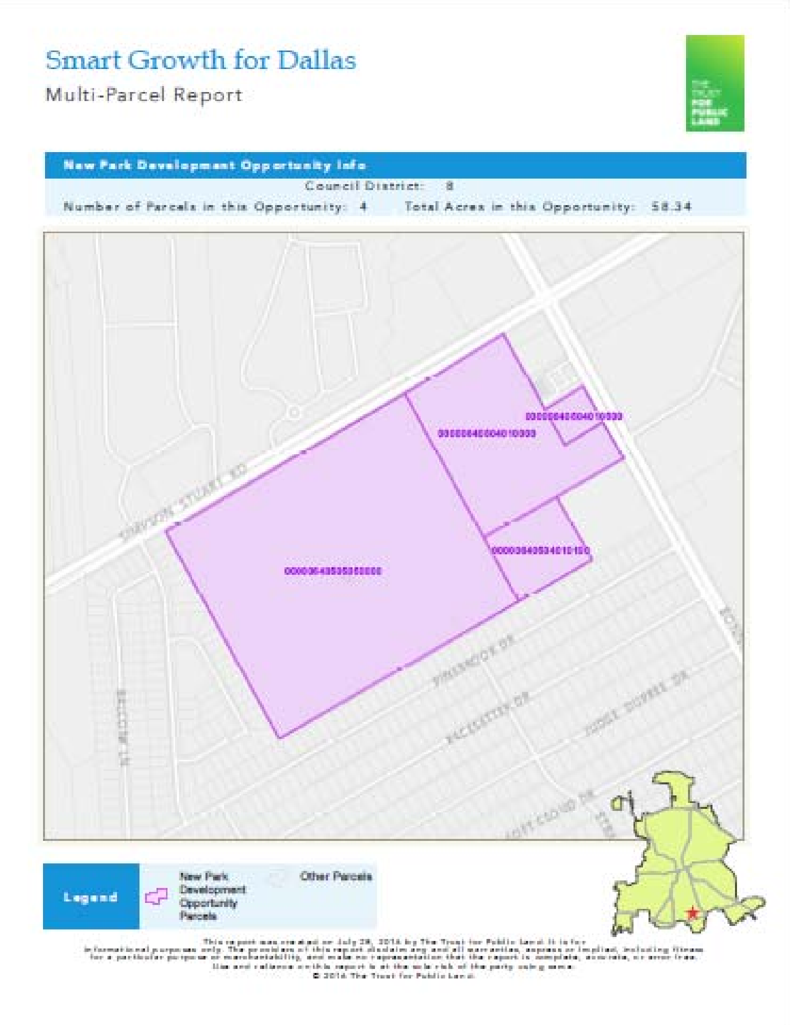
Goal: Connect	Acres	Percent	Present
Bikeway and Trail Gaps	6.781987	100%	Yes
Bicycle and Pedestrian Safety	0	0%	No
Create Connections to Transit	0	0%	No
Connect Priority Areas	**0**	**0%**	**No**

Goal: Absorb & Protect	Acres	Percent	Present
Stormwater Runoff Potential	3.311813	48.83%	Yes
Wetlands, Waterbodies and Stream Buffers	3.208534	47.31%	Yes
Flood Zones	0.036721	0.54%	Yes
Escarpment Areas in South Dallas	0	0%	No
Absorb & Protect Priority Areas	**0.445247**	**6.57%**	**Yes**

Goal: Cool	Acres	Percent	Present
Tree Canopy Cover	3.474764	51.24%	Yes
Impervious Cover	0.25246	3.72%	Yes
Cool Priority Areas	**0.25246**	**3.72%**	**Yes**

This report was created on July 27, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

Finding land for new parks



Smart Growth for Dallas

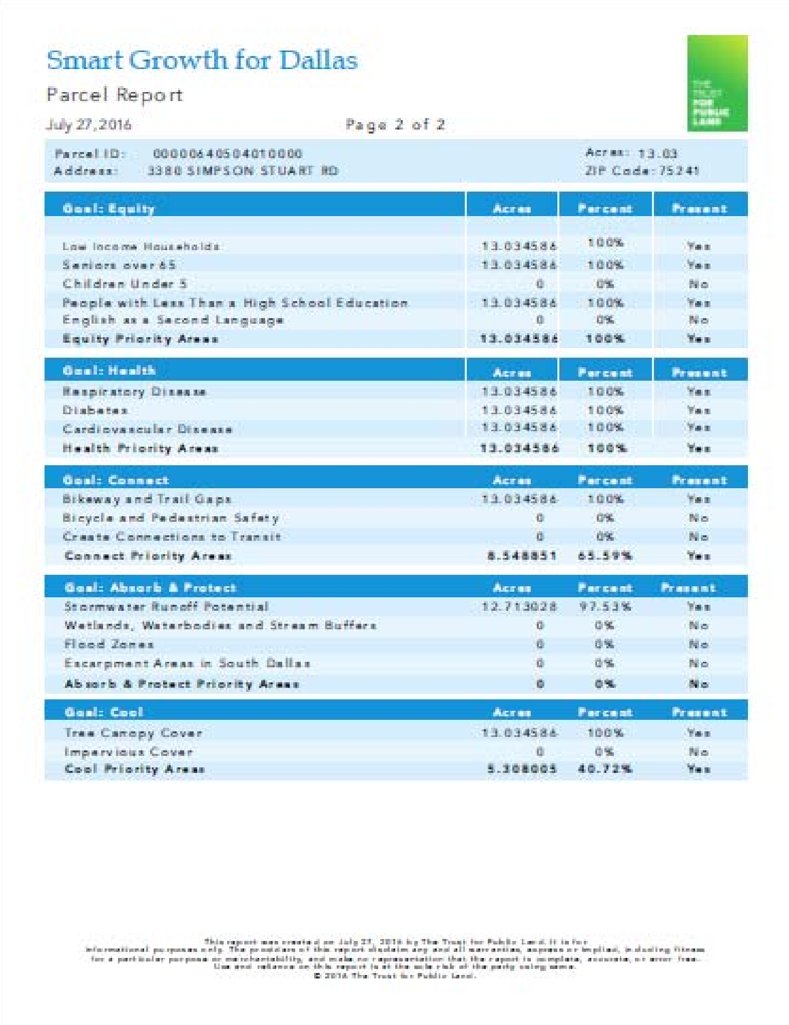
Multi-Parcel Report

New Park Development Opportunity Info

Council District: 8

Number of Parcels in this Opportunity: 4 Total Acres in this Opportunity: 58.34

This report was created on July 28, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.



Smart Growth for Dallas

Parcel Report

July 27, 2016 Page 2 of 2

Parcel ID: 00000640504010000 Acres: 13.03
Address: 3380 SIMPSON STUART RD ZIP Code: 75241

Goal: Equity	**Acres**	**Percent**	**Present**
Low Income Households	13.034586	100%	Yes
Seniors over 65	13.034586	100%	Yes
Children Under 5	0	0%	No
People with Less Than a High School Education	13.034586	100%	Yes
English as a Second Language	0	0%	No
Equity Priority Areas	**13.034586**	**100%**	**Yes**

Goal: Health	**Acres**	**Percent**	**Present**
Respiratory Disease	13.034586	100%	Yes
Diabetes	13.034586	100%	Yes
Cardiovascular Disease	13.034586	100%	Yes
Health Priority Areas	**13.034586**	**100%**	**Yes**

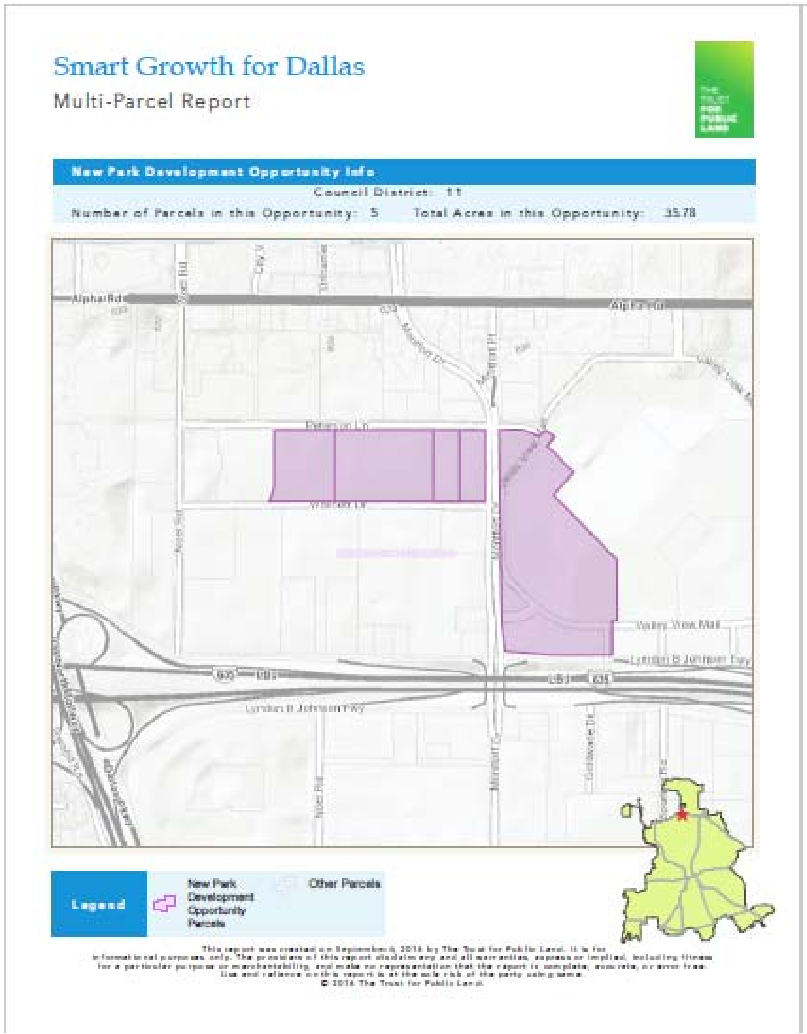
Goal: Connect	**Acres**	**Percent**	**Present**
Bikeway and Trail Gaps	13.034586	100%	Yes
Bicycle and Pedestrian Safety	0	0%	No
Create Connections to Transit	0	0%	No
Connect Priority Areas	**8.548851**	**65.59%**	**Yes**

Goal: Absorb & Protect	**Acres**	**Percent**	**Present**
Stormwater Runoff Potential	12.713028	97.53%	Yes
Wetlands, Waterbodies and Stream Buffers	0	0%	No
Flood Zones	0	0%	No
Escarpment Areas in South Dallas	0	0%	No
Absorb & Protect Priority Areas	**0**	**0%**	**No**

Goal: Cool	**Acres**	**Percent**	**Present**
Tree Canopy Cover	13.034586	100%	Yes
Impervious Cover	0	0%	No
Cool Priority Areas	**5.308005**	**40.72%**	**Yes**

This report was created on July 27, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

Evaluating current park proposals



Smart Growth for Dallas

Multi-Parcel Report

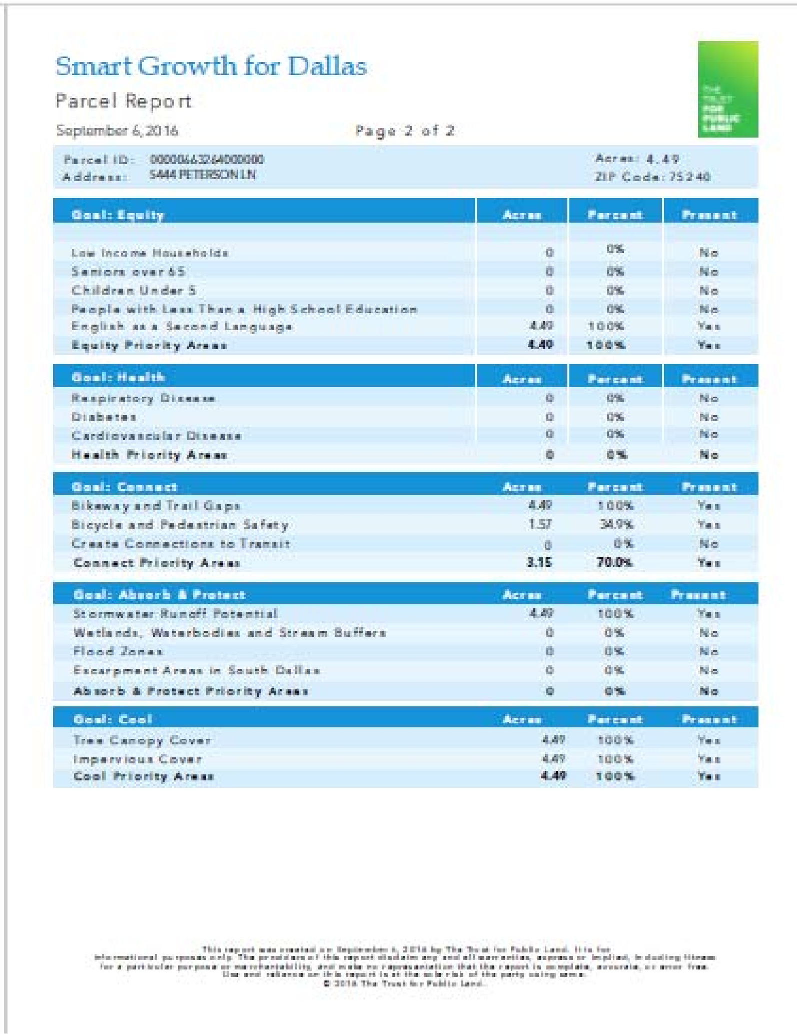
New Park Development Opportunity Info

Council District: 11

Number of Parcels in this Opportunity: 5 Total Acres in this Opportunity: 35.78

Legend			
	▭	New Park Development Opportunity Parcels	Other Parcels

This report was created on September 6, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.



Smart Growth for Dallas

Parcel Report

September 6, 2016 Page 2 of 2

Parcel ID: 00000663264000000
Address: 5444 PETERSON LN
Acres: 4.49
ZIP Code: 75240

Goal: Equity	**Acres**	**Percent**	**Present**
Low Income Households	0	0%	No
Seniors over 65	0	0%	No
Children Under 5	0	0%	No
People with Less Than a High School Education	0	0%	No
English as a Second Language	4.49	100%	Yes
Equity Priority Areas	**4.49**	**100%**	**Yes**

Goal: Health	**Acres**	**Percent**	**Present**
Respiratory Disease	0	0%	No
Diabetes	0	0%	No
Cardiovascular Disease	0	0%	No
Health Priority Areas	**0**	**0%**	**No**

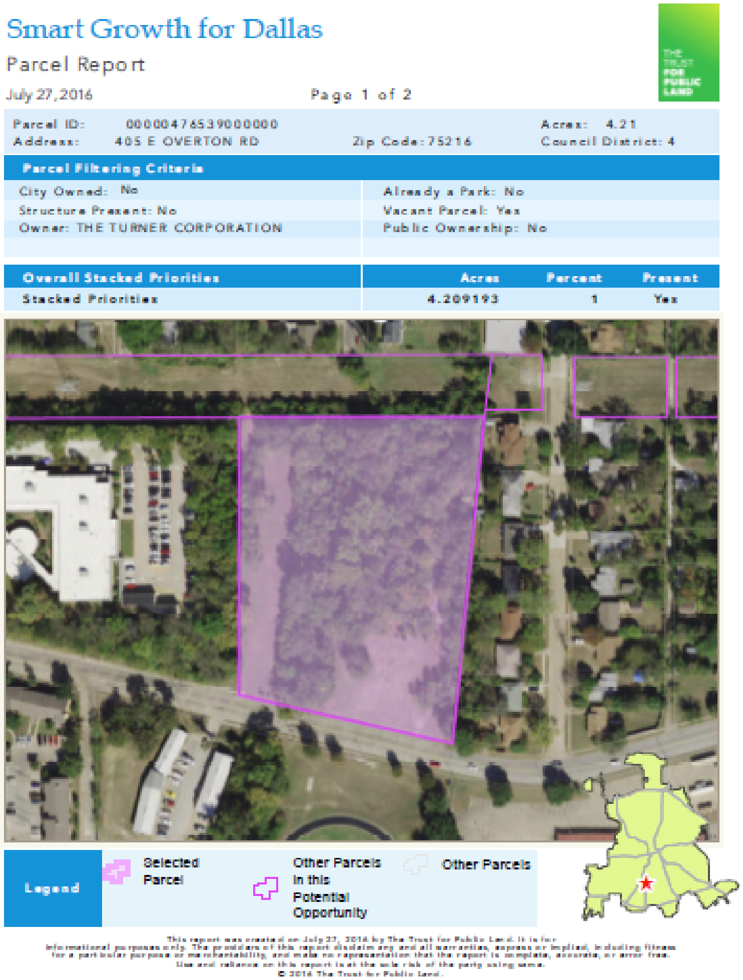
Goal: Connect	**Acres**	**Percent**	**Present**
Bikeway and Trail Gaps	4.49	100%	Yes
Bicycle and Pedestrian Safety	1.57	34.9%	Yes
Create Connections to Transit	0	0%	No
Connect Priority Areas	**3.15**	**70.0%**	**Yes**

Goal: Absorb & Protect	**Acres**	**Percent**	**Present**
Stormwater Runoff Potential	4.49	100%	Yes
Wetlands, Waterbodies and Stream Buffers	0	0%	No
Flood Zones	0	0%	No
Escarpment Areas in South Dallas	0	0%	No
Absorb & Protect Priority Areas	**0**	**0%**	**No**

Goal: Cool	**Acres**	**Percent**	**Present**
Tree Canopy Cover	4.49	100%	Yes
Impervious Cover	4.49	100%	Yes
Cool Priority Areas	**4.49**	**100%**	**Yes**

This report was created on September 6, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

Connect trails to transit and other destinations



Smart Growth for Dallas

Parcel Report

July 27, 2016 Page 1 of 2

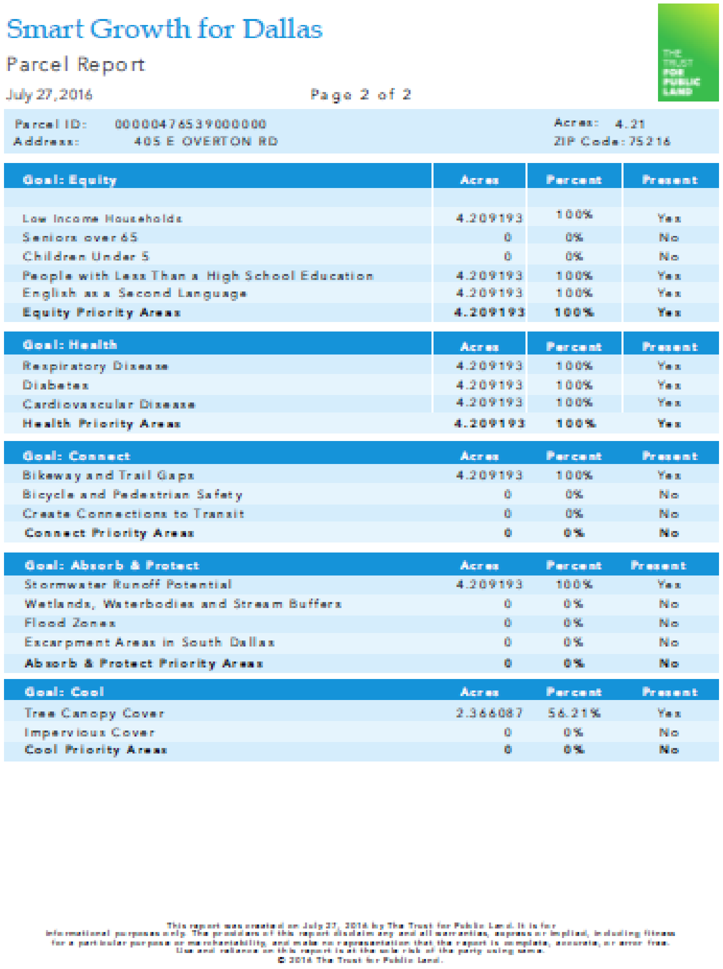
Parcel ID: 000004765390000000		Acres: 4.21	
Address: 405 E OVERTON RD	Zip Code: 75216	Council District: 4	

Parcel Filtering Criteria	
City Owned: No	Already a Park: No
Structure Present: No	Vacant Parcel: Yes
Owner: THE TURNER CORPORATION	Public Ownership: No

Overall Stacked Priorities	Acres	Percent	Present
Stacked Priorities	4.209193	1	Yes

Legend: 🟪 Selected Parcel; Other Parcels In this Potential Opportunity; Other Parcels

This report was created on July 27, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free.
Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.



Smart Growth for Dallas

Parcel Report

July 27, 2016 Page 2 of 2

Parcel ID: 000004765390000000	Acres: 4.21
Address: 405 E OVERTON RD	ZIP Code: 75216

Goal: Equity	Acres	Percent	Present
Low Income Households	4.209193	100%	Yes
Seniors over 65	0	0%	No
Children Under 5	0	0%	No
People with Less Than a High School Education	4.209193	100%	Yes
English as a Second Language	4.209193	100%	Yes
Equity Priority Areas	**4.209193**	**100%**	**Yes**

Goal: Health	Acres	Percent	Present
Respiratory Disease	4.209193	100%	Yes
Diabetes	4.209193	100%	Yes
Cardiovascular Disease	4.209193	100%	Yes
Health Priority Areas	**4.209193**	**100%**	**Yes**

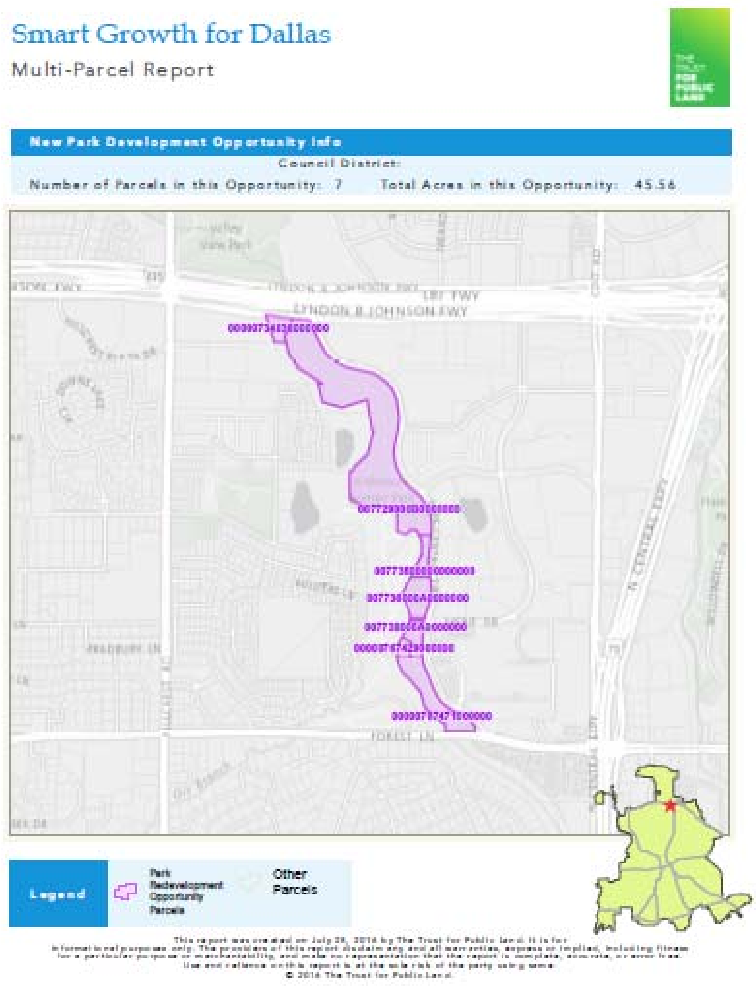
Goal: Connect	Acres	Percent	Present
Bikeway and Trail Gaps	4.209193	100%	Yes
Bicycle and Pedestrian Safety	0	0%	No
Create Connections to Transit	0	0%	No
Connect Priority Areas	**0**	**0%**	**No**

Goal: Absorb & Protect	Acres	Percent	Present
Stormwater Runoff Potential	4.209193	100%	Yes
Wetlands, Waterbodies and Stream Buffers	0	0%	No
Flood Zones	0	0%	No
Escarpment Areas in South Dallas	0	0%	No
Absorb & Protect Priority Areas	**0**	**0%**	**No**

Goal: Cool	Acres	Percent	Present
Tree Canopy Cover	2.366087	56.21%	Yes
Impervious Cover	0	0%	No
Cool Priority Areas	**0**	**0%**	**No**

This report was created on July 27, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free.
Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

Expand and re-imagine existing parks



Smart Growth for Dallas

Multi-Parcel Report

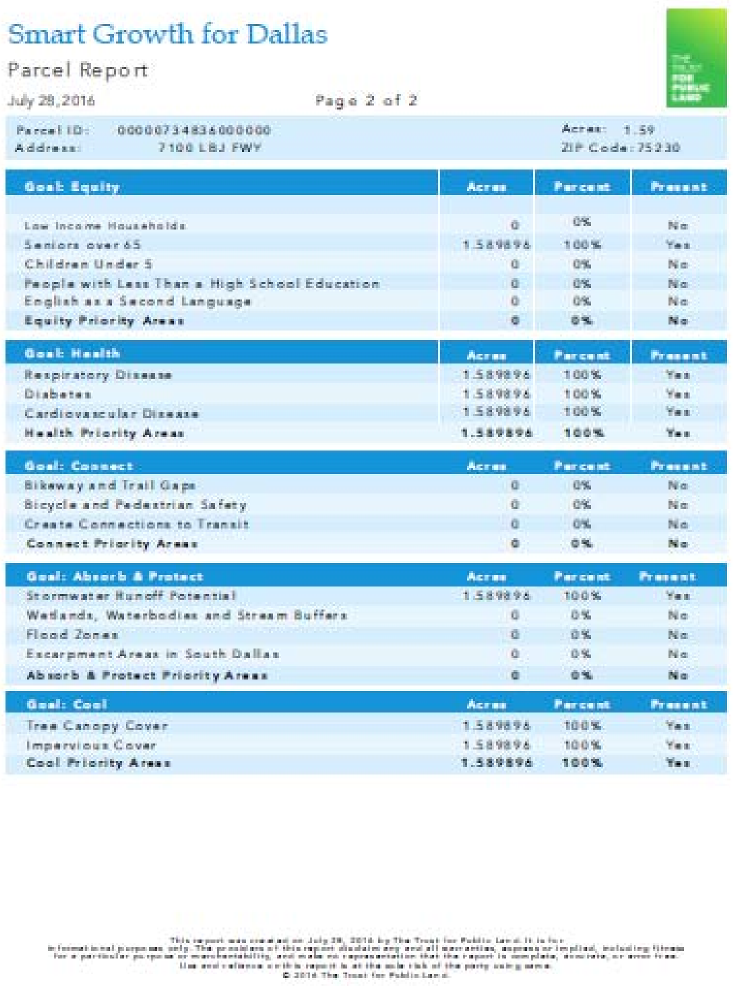
New Park Development Opportunity Info

Council District:

Number of Parcels in this Opportunity: 7 Total Acres in this Opportunity: 45.56

Legend	▨ Park Redevelopment Opportunity Parcels	Other Parcels

This report was created on July 28, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.



Smart Growth for Dallas

Parcel Report

July 28, 2016 Page 2 of 2

Parcel ID: 00000734836000000 Acres: 1.59
Address: 7100 LBJ FWY ZIP Code: 75230

Goal: Equity	**Acres**	**Percent**	**Present**
Low Income Households	0	0%	No
Seniors over 65	1.589896	100%	Yes
Children Under 5	0	0%	No
People with Less Than a High School Education	0	0%	No
English as a Second Language	0	0%	No
Equity Priority Areas	**0**	**0%**	**No**

Goal: Health	**Acres**	**Percent**	**Present**
Respiratory Disease	1.589896	100%	Yes
Diabetes	1.589896	100%	Yes
Cardiovascular Disease	1.589896	100%	Yes
Health Priority Areas	**1.589896**	**100%**	**Yes**

Goal: Connect	**Acres**	**Percent**	**Present**
Bikeway and Trail Gaps	0	0%	No
Bicycle and Pedestrian Safety	0	0%	No
Create Connections to Transit	0	0%	No
Connect Priority Areas	**0**	**0%**	**No**

Goal: Absorb & Protect	**Acres**	**Percent**	**Present**
Stormwater Runoff Potential	1.589896	100%	Yes
Wetlands, Waterbodies and Stream Buffers	0	0%	No
Flood Zones	0	0%	No
Escarpment Areas in South Dallas	0	0%	No
Absorb & Protect Priority Areas	**0**	**0%**	**No**

Goal: Cool	**Acres**	**Percent**	**Present**
Tree Canopy Cover	1.589896	100%	Yes
Impervious Cover	1.589896	100%	Yes
Cool Priority Areas	**1.589896**	**100%**	**Yes**

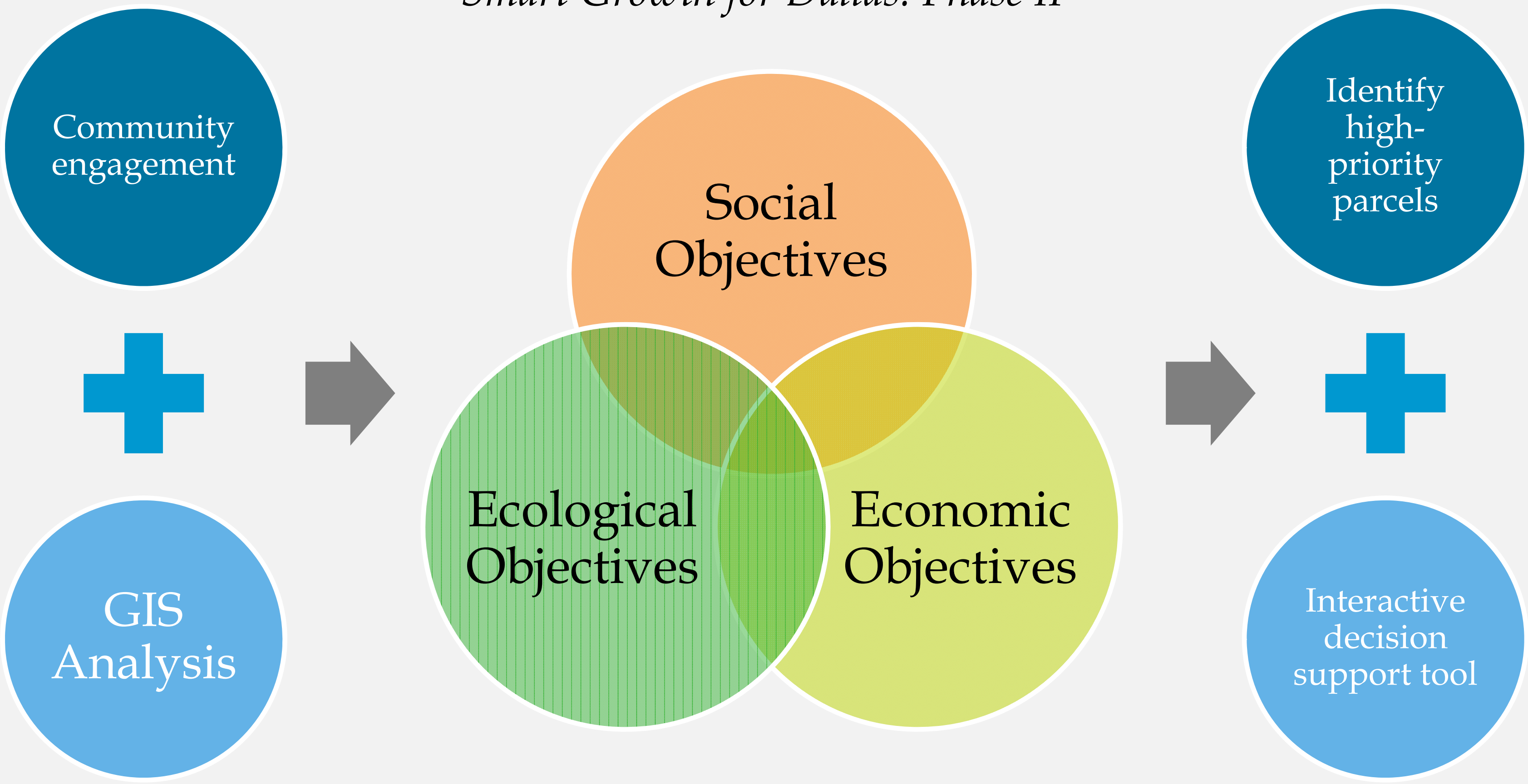
This report was created on July 28, 2016 by The Trust for Public Land. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2016 The Trust for Public Land.

THE TRUST FOR PUBLIC LAND

V. INTRODUCING PHASE II

PHASED APPROACH:

Smart Growth for Dallas: Phase II



Community engagement

GIS Analysis

Social Objectives

Ecological Objectives

Economic Objectives

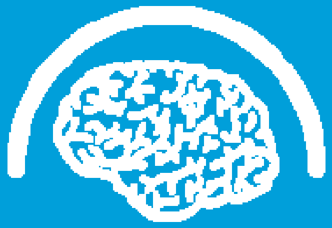
Identify high-priority parcels

Interactive decision support tool

Additional Deliverables

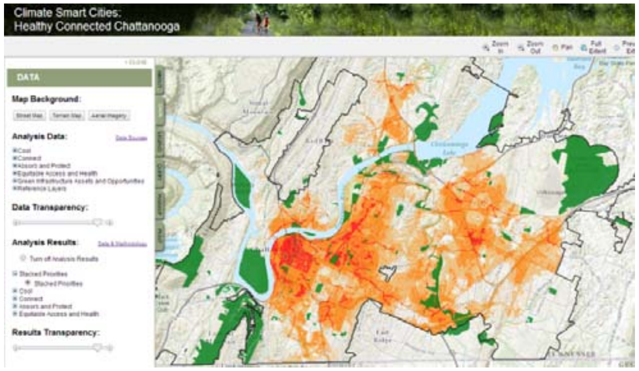
Expanded GIS Analysis & Decision Support Tool

Community Engagement



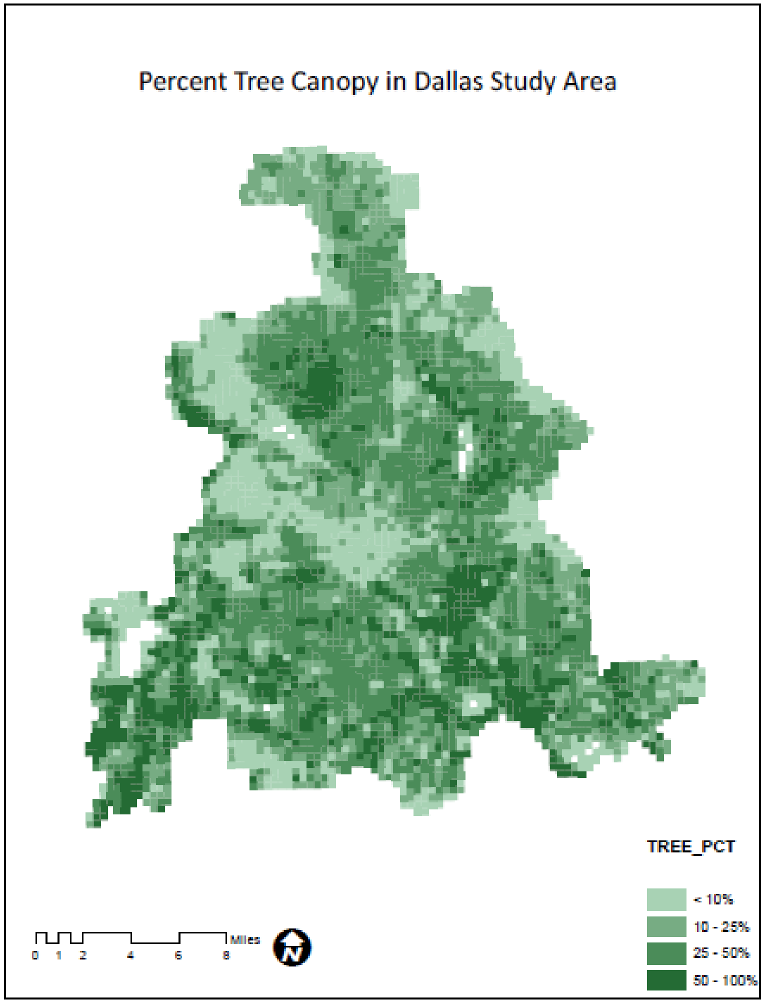
INTELLIGENCE

Expanded GIS Analysis and Interactive Decision Support Tool

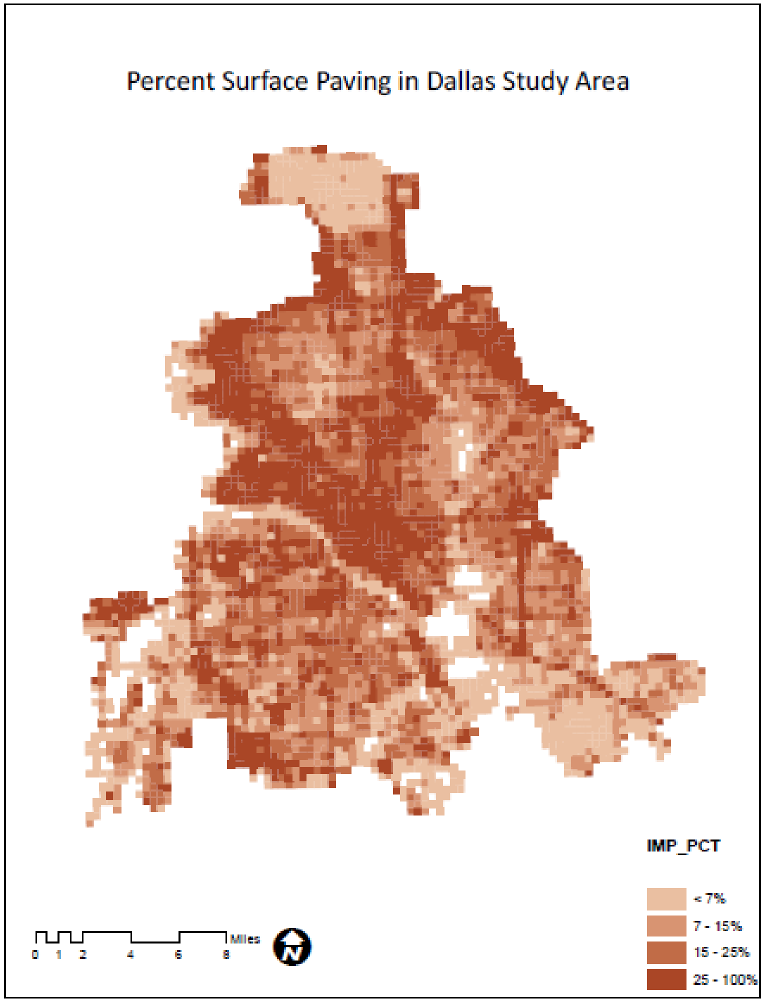

Climate Smart Cities:
Healthy Connected Chattanooga
DATA
Map Background:
Analysis Data:
Data Transparency:
Analysis Results:
Results Transparency:

- EXPANDED GIS ANALYSIS
  - *Addition of dozens of new GIS layers to model*
  - *Addition of new planning objectives, including Activate Educate*
  - *Incorporate new Texas Trees Foundation urban heat island research*
- DECISION SUPPORT TOOL
  - *Interactive web-based platform to provide customizable map-based analysis of land in Dallas, based on identified economic, social, and ecological objectives.*
  - *Provides extensive data and priority modeling results at the parcel level*
  - *Users may identify high-value parcels, analyze parcels against spatial data, and make individual parcel reports*
- ECONOMIC ANALYSIS
  - *Economic analysis of recreation, health, and property value benefits of potential new parks*

Urban Heat Island Analysis


Percent Tree Canopy in Dallas Study Area

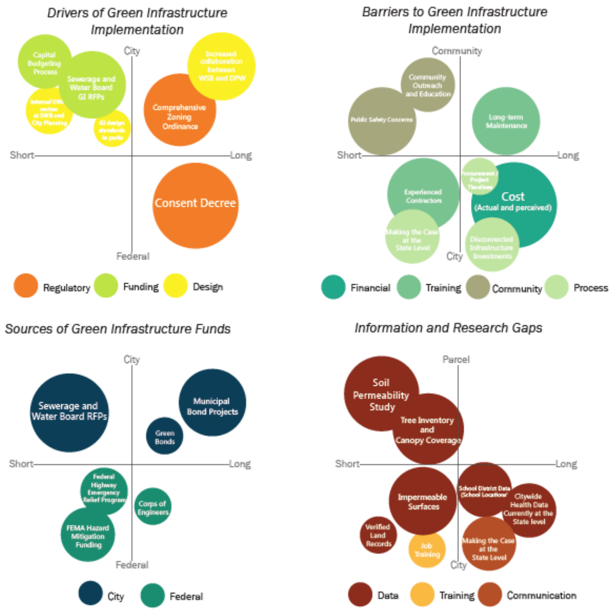
TREE_PCT
< 10%
10 - 25%
25 - 50%
50 - 100%
0 1 2 4 6 8
Miles
N


Percent Surface Paving in Dallas Study Area

IMP_PCT
< 7%
7 - 15%
15 - 25%
25 - 100%
0 1 2 4 6 8
Miles
N

Identifying Use Cases

- CURRENT CONDITIONS ANALYSIS
  Identify key opportunities, barriers, funding sources, key decision makers, and information gap related to implementation of multi-benefit greening.
- IDENTIFY USE CASES
  Using current conditions analysis, identify use cases for decision support tool. Through this iterative process, patterns, common themes, and shared opportunities are identified.
- DEVELOP PROJECT TYPOLOGIES
  Use cases are further refined, including identification of ad-hoc "early win" projects. Identify long-term, self-sustaining programs (e.g. green alleys or schoolyard conversions).



PEDESTRIAN ALLEYWAY
AVALON

INTELLIGENCE + PARTNERSHIP

Community Engagement

For Dallas to make the smartest investments possible and ensure we're setting ourselves up as a city of great public spaces – we need to know information that can't be captured by quantitative data alone.

Community Engagement

SIDE ENTRY
VARIETY!!!
COMMUNITY GARDEN
CONNECTION VISUAL
EYE'S ON STREET
PLANTS/ GARDENS/ LANDSCAPING
PARKS AVENUE
BEXAR STREET
FUTURE RESIDENTIAL

We need to know how residents use parks, which parks they are or are not using, and what drives their use of parks. And we need to ask them to dream and help us imagine what these parks should be – they're the experts.

Community Engagement

Their local knowledge increases our ability to identify all the nooks and crannies of Dallas that are potential public spaces and connectors. Local knowledge helps us better understand and interpret the data we already have.

Community Engagement

SCHEDULE

- *Online survey available **today** at: www.SmartGrowthForDallas.org*
- ***8 large community meetings:***
  - *Establish what questions we still need to ask*
  - *Inform the public about the technology that's being developed*
  - *Gather collective input for Dallas' investment in parks and public space.*

Community Engagement Kickoff Meeting:
November 10, 2016 @ Heritage Village
5:30pm

Community Engagement

SCHEDULE

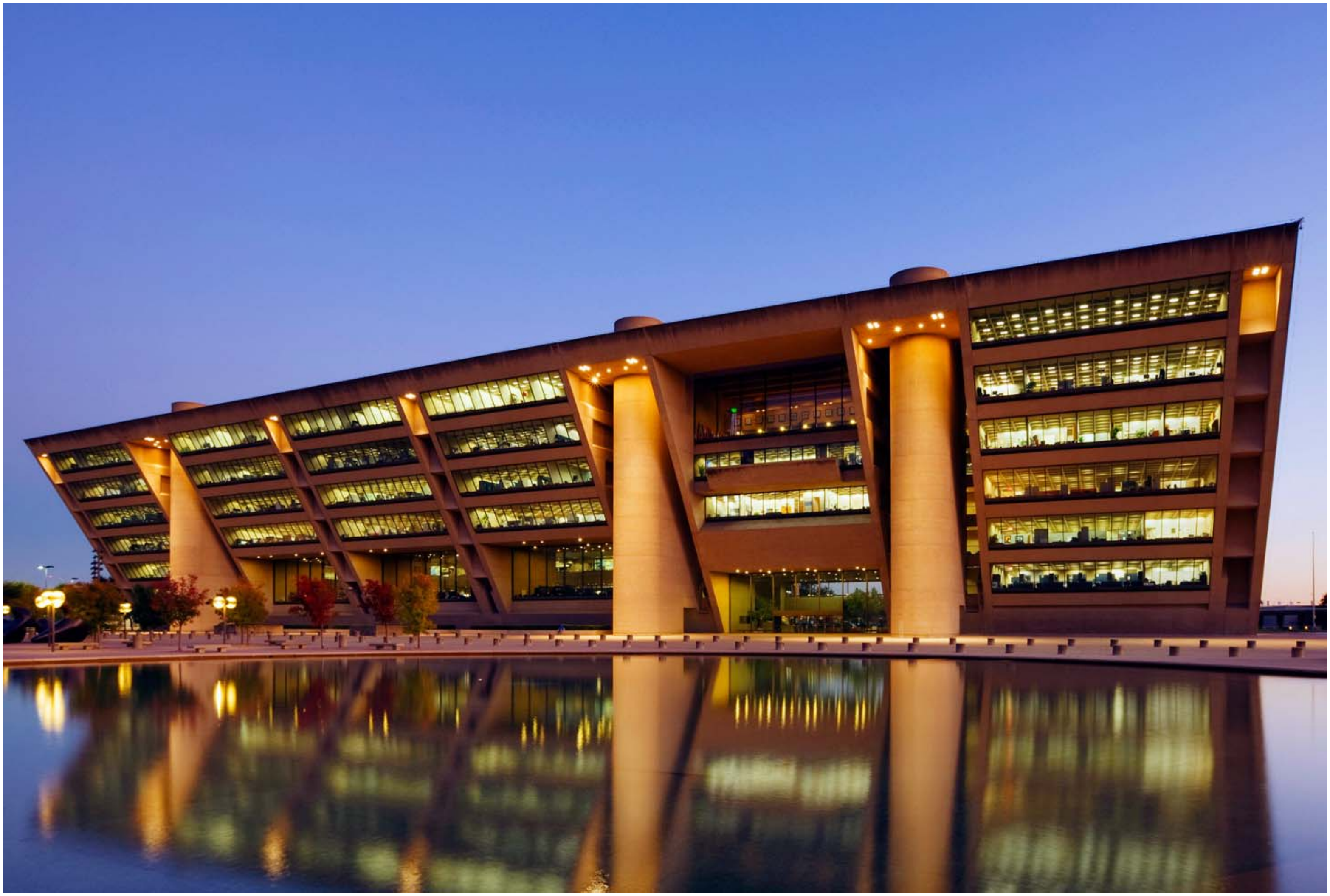
- *20 small meetings – to engage an array of experts on parks and open space to better understand how they're used, how they work, and how they're maintained.*
  - *Dates TBD: Friends of parks groups, parks maintenance, parks and open space advocates, neighborhood groups, and others to be decided*
- *City-wide convening to report engagement findings*
  - *Early 2017*
- *4 city-wide convening's to report final products*
  - *Early 2018*

Community Engagement

MEDIA

- *Web updates*
- *SmartGrowthForDallas.org*
- *Park Stories short film series*

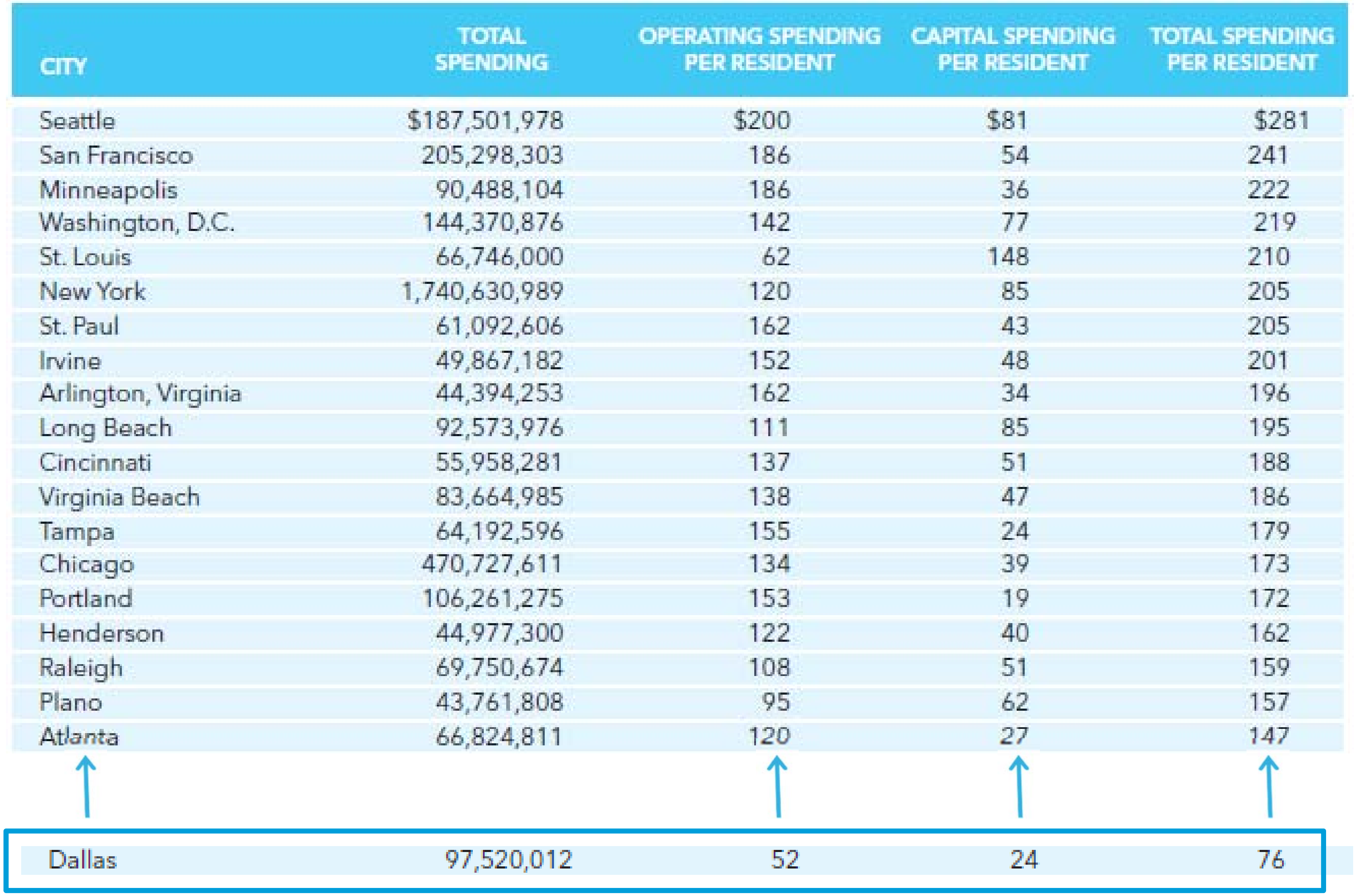
Open data for the public good



THE TRUST FOR PUBLIC LAND

INTELLIGENCE + PARTNERSHIP + LEVERAGE

Dallas is falling behind on investment



CITY	TOTAL SPENDING	OPERATING SPENDING PER RESIDENT	CAPITAL SPENDING PER RESIDENT	TOTAL SPENDING PER RESIDENT
Seattle	$187,501,978	$200	$81	$281
San Francisco	205,298,303	186	54	241
Minneapolis	90,488,104	186	36	222
Washington, D.C.	144,370,876	142	77	219
St. Louis	66,746,000	62	148	210
New York	1,740,630,989	120	85	205
St. Paul	61,092,606	162	43	205
Irvine	49,867,182	152	48	201
Arlington, Virginia	44,394,253	162	34	196
Long Beach	92,573,976	111	85	195
Cincinnati	55,958,281	137	51	188
Virginia Beach	83,664,985	138	47	186
Tampa	64,192,596	155	24	179
Chicago	470,727,611	134	39	173
Portland	106,261,275	153	19	172
Henderson	44,977,300	122	40	162
Raleigh	69,750,674	108	51	159
Plano	43,761,808	95	62	157
Atlanta	66,824,811	120	27	147

Dallas	97,520,012	52	24	76

THE TRUST FOR PUBLIC LAND

The power of leverage

A recent study by HR&A Advisors found that in Dallas:

- Investments in Dallas's parks yield a 1:7 return
- Investments in Dallas's trails yield a 1:50 return
- Each year, the Dallas parks system generates $678 million in economic benefits
- Each $1 increase in spending per resident leads to an $8.9m increase in economic benefits for the entire city.

And with land value only increasing, now is the time to act.

THE TRUST FOR PUBLIC LAND

Dallas' green assets offer
cost-effective and unique
strategies for addressing
the city's biggest
economic
social
and ***ecological***
challenges of today.

Contact Us

Robert Kent

The Trust for Public Land

North Texas Area Director

e: robert.kent@tpl.org | t: 469-615-5448

Lizzie MacWillie

buildingcommunityWORKSHOP

e: lizzie@bcworkshop.org | t: 718-757-9568

Matt Grubisich

The Texas Trees Foundation

Operations Director & Urban Forester

e: matt@texastrees.org | t: 214-953-1184