Creative Funding Opportunities

Fred Young, Principal
Alta Planning + Design

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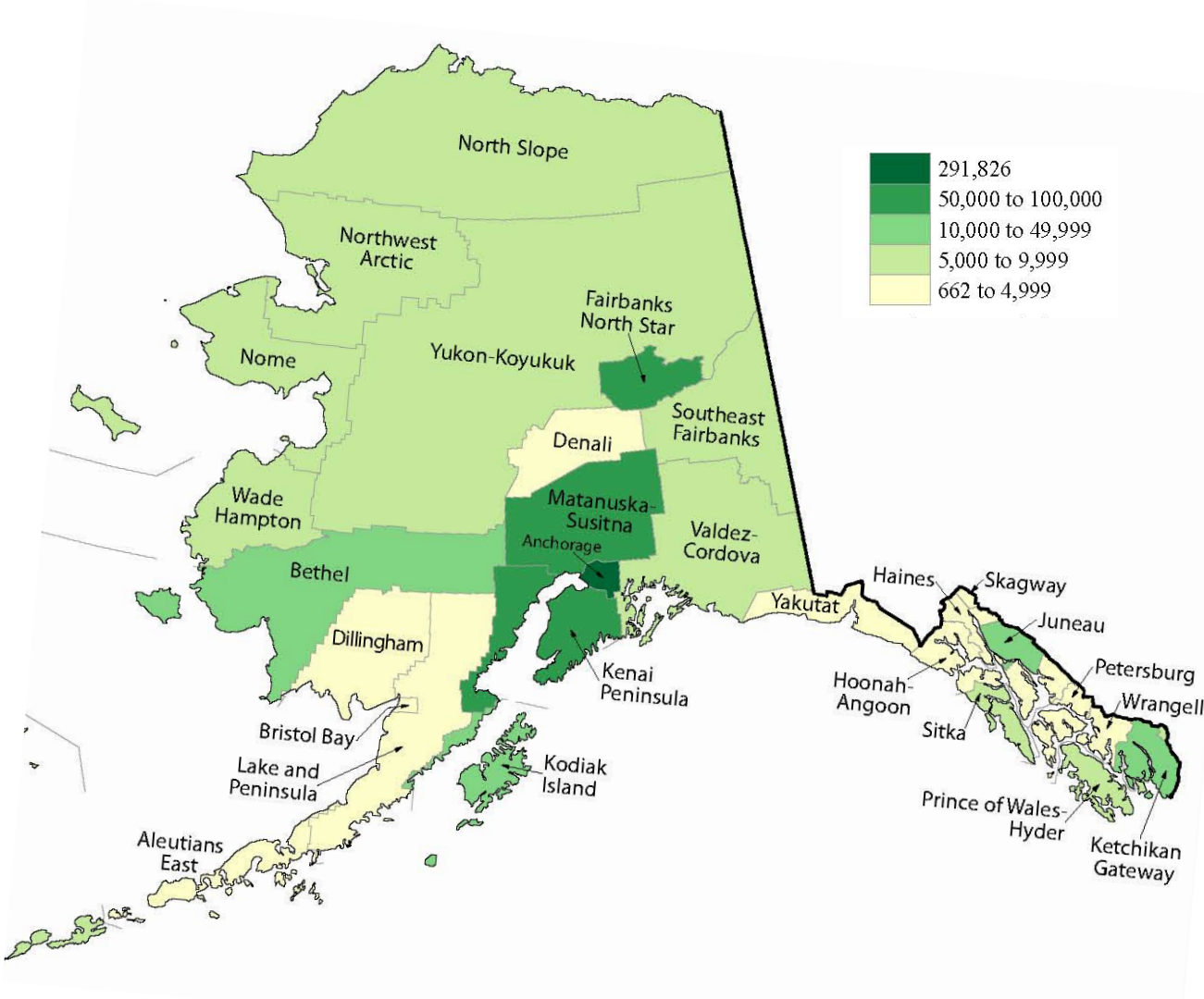

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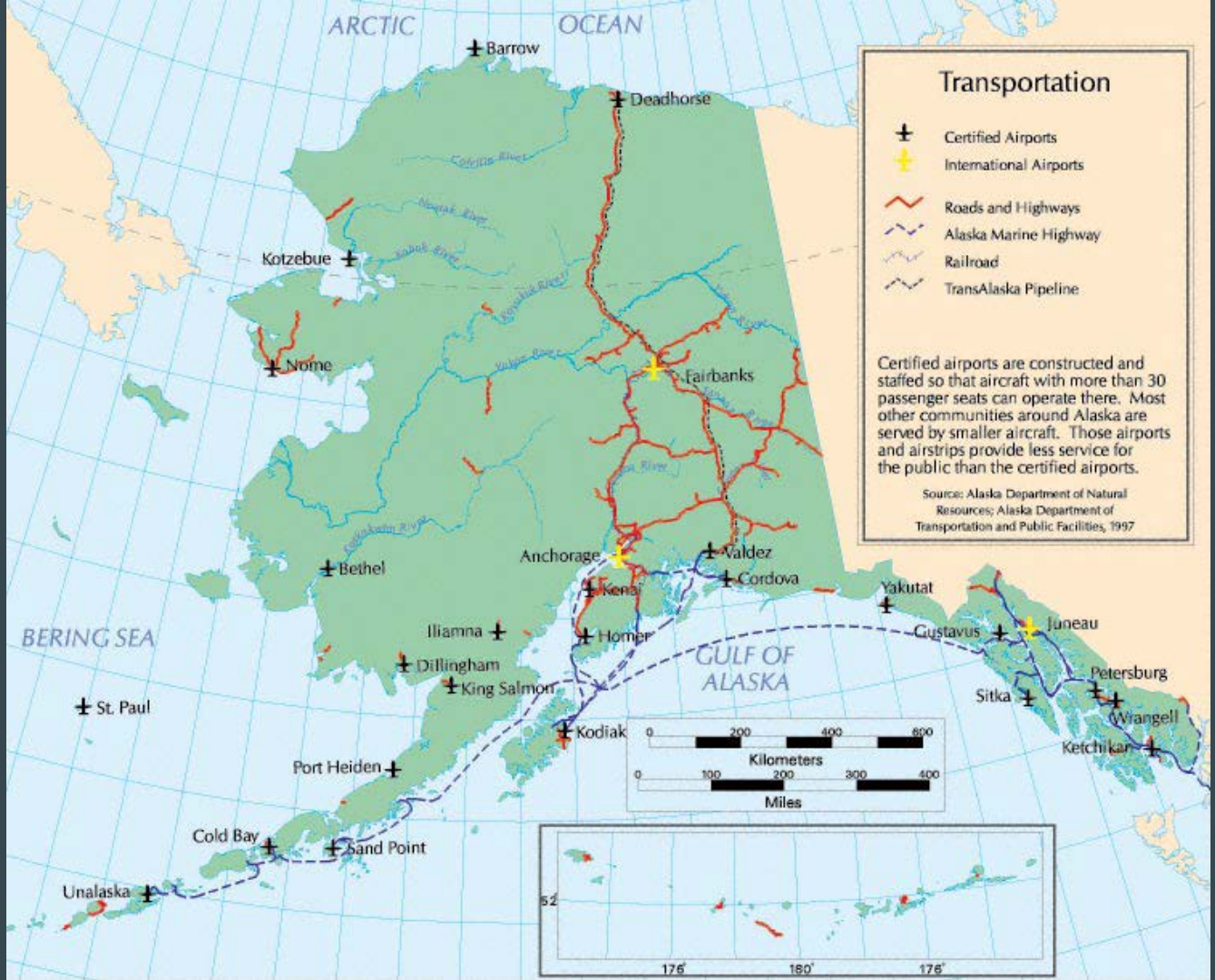

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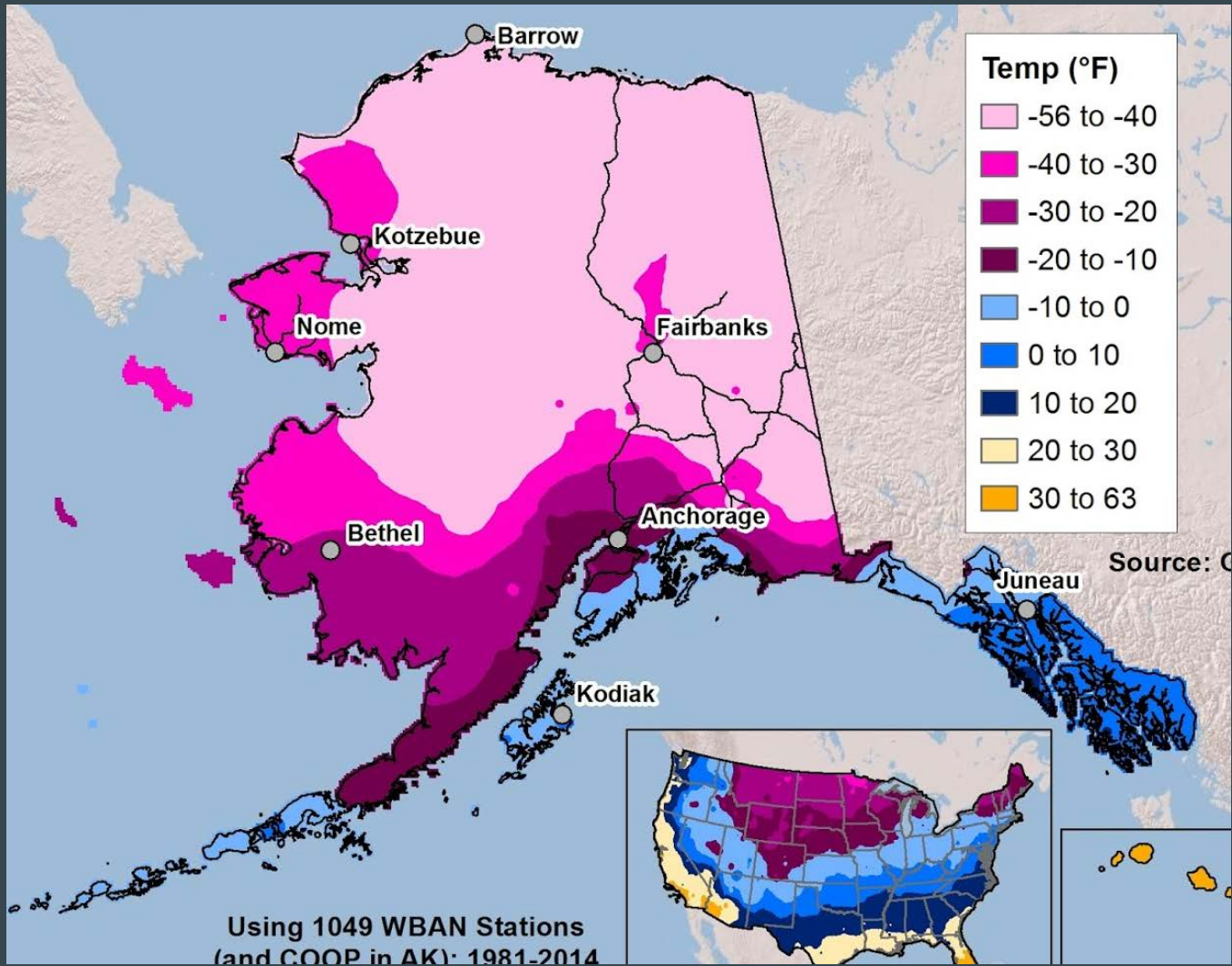

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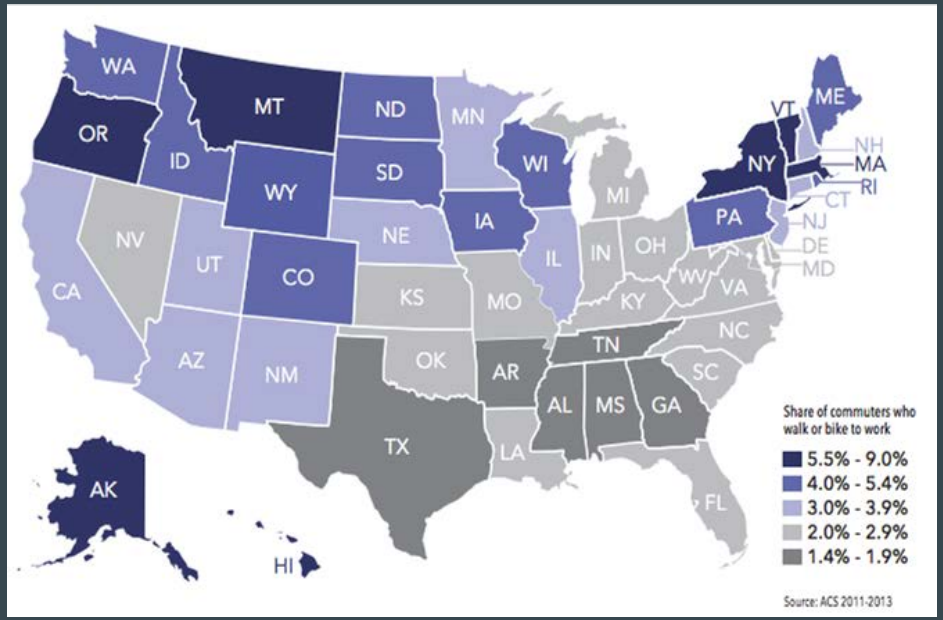
BIKE ROUTE
USE SIDEWALK

Alaska: High Rates of Walking & Biking



% of commuters who bike or walk to work		
1	Alaska	9.0
2	New York	7.0
3	Vermont	6.7
4	Oregon	6.5
5	Montana	6.4
6	Hawaii	5.7
7	Massachusetts	5.5
8	South Dakota	4.8
9	Wyoming	4.7
10	North Dakota	4.6

Per capita spending on bike/walk projects		
1	Alaska	$11.58
2	Rhode Island	$10.29
3	Vermont	$8.50
4	Delaware	$8.28
5	Montana	$5.49
6	Kentucky	$5.20
7	Wyoming	$4.57
8	Missouri	$4.54
9	Minnesota	$4.51
10	Tennessee	$3.98

# of bike/ped fatalities per 10K commuters		
1	Alaska	2.8
2	Vermont	2.8
3	South Dakota	3.2
4	North Dakota	3.7
5	Nebraska	3.8
6	Iowa	4.0
7	Maine	4.1
8	Wyoming	4.2
9	Minnesota	4.3
10	Massachusetts	4.5

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source: Alliance for Biking & Walking 2016 Benchmarking Report

Alaska: Health Indicators

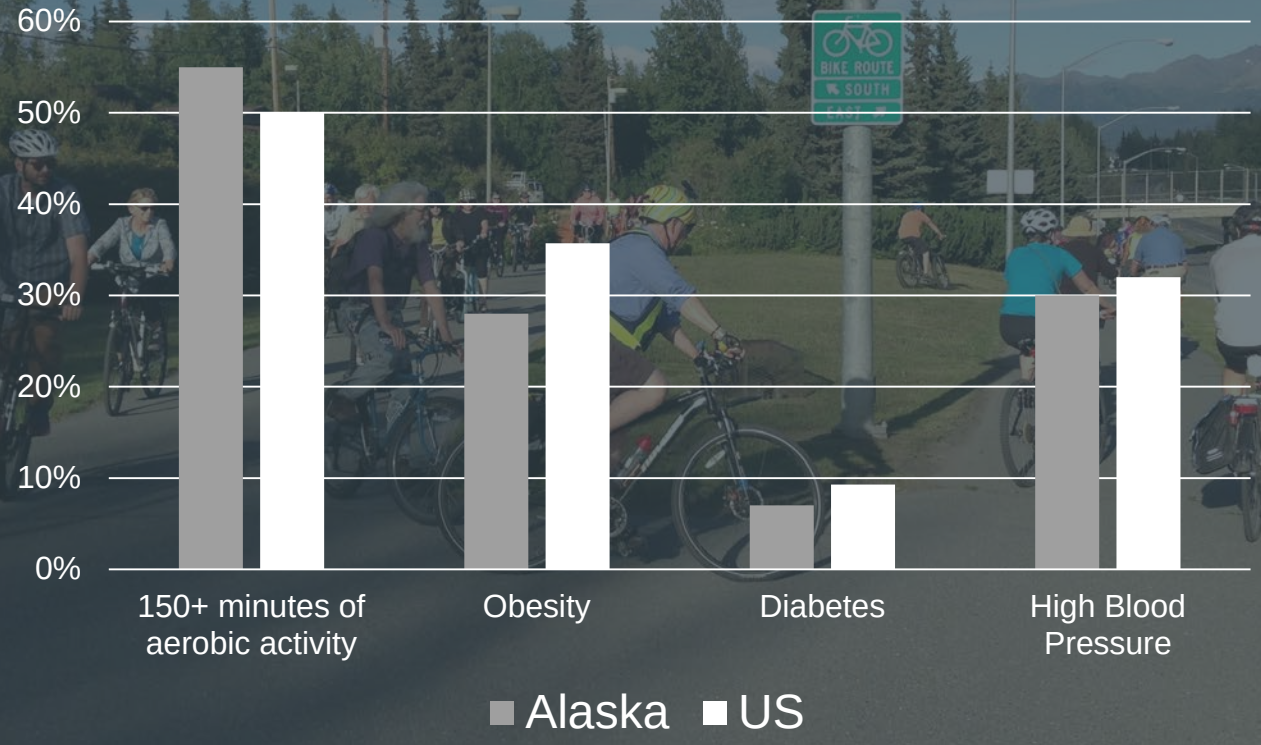

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photo credit: Brian Litmans, Bike Anchorage; source: Alliance for Biking & Walking 2016 Benchmarking Report

Alaska Native Health

Obesity rates: **30%** higher than the state average

Cancer rates: **62%** higher than the state average

Suicide rates: **126%** higher than the national average

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Fatality Rates for Pedestrians & Bicyclists

People of color:

37% of the population

67% **of pedestrian fatalities**

44% **of bicyclist fatalities**

Youth:

23% of the population

36% **of bicyclist fatalities**

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CURRENT U.S. HEALTH STATISTICS

80% of Americans **DO NOT ACHIEVE** the recommended 150 minutes per week of **MODERATE EXERCISE.**

(CDC, 2013)

2/3 of Americans **ARE OVERWEIGHT OR OBESE. ***

(CDC, 2016)

ASTHMA IS THE LEADING CHRONIC DISEASE IN CHILDREN and the number one reason for missed school days.

(CDC, 2015a)

HEALTH BENEFITS

Residents of **WALKABLE COMMUNITIES** are **2x** as **LIKELY TO MEET PHYSICAL ACTIVITY GUIDELINES** compared to those who do not live in walkable neighborhoods.

(Frank, 2005)

For every **0.6 MILE WALKED** there is a **5%** **REDUCTION IN THE LIKELIHOOD OF OBESITY.**

(Frank, 2004)

A minimum of **20** **MINUTES OF PHYSICAL ACTIVITY, 3X WEEK, STRENGTHENS THE LUNGS**, including those of individuals living with asthma.

(PubMed Health, 2014)

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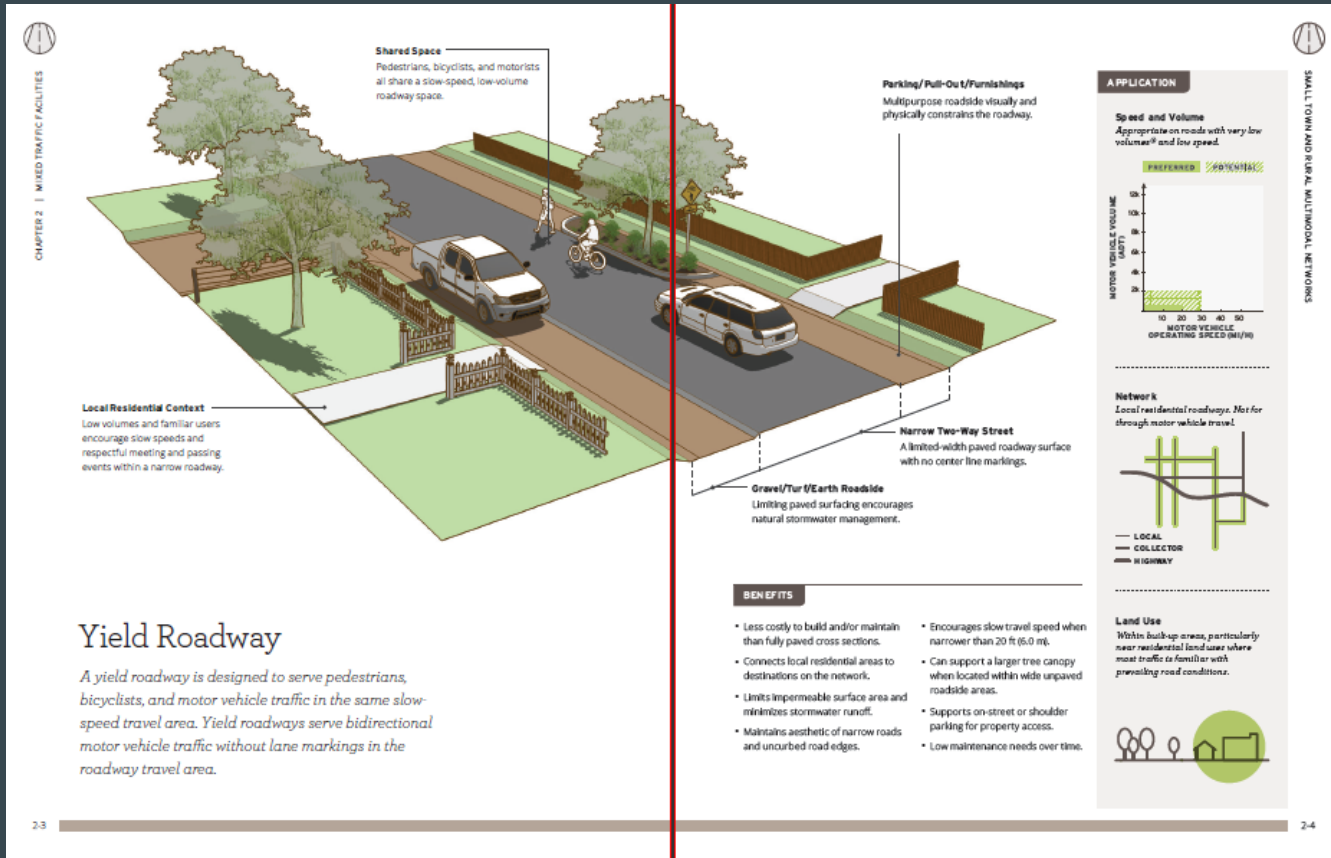
Center for Prevention at BCBS of Minnesota

Walking
School Bus
Stop
In Route

Center for Prevention at BCBS of Minnesota

Small Town and Rural Multimodal Guide (FHWA)

ruraldesignguide.com



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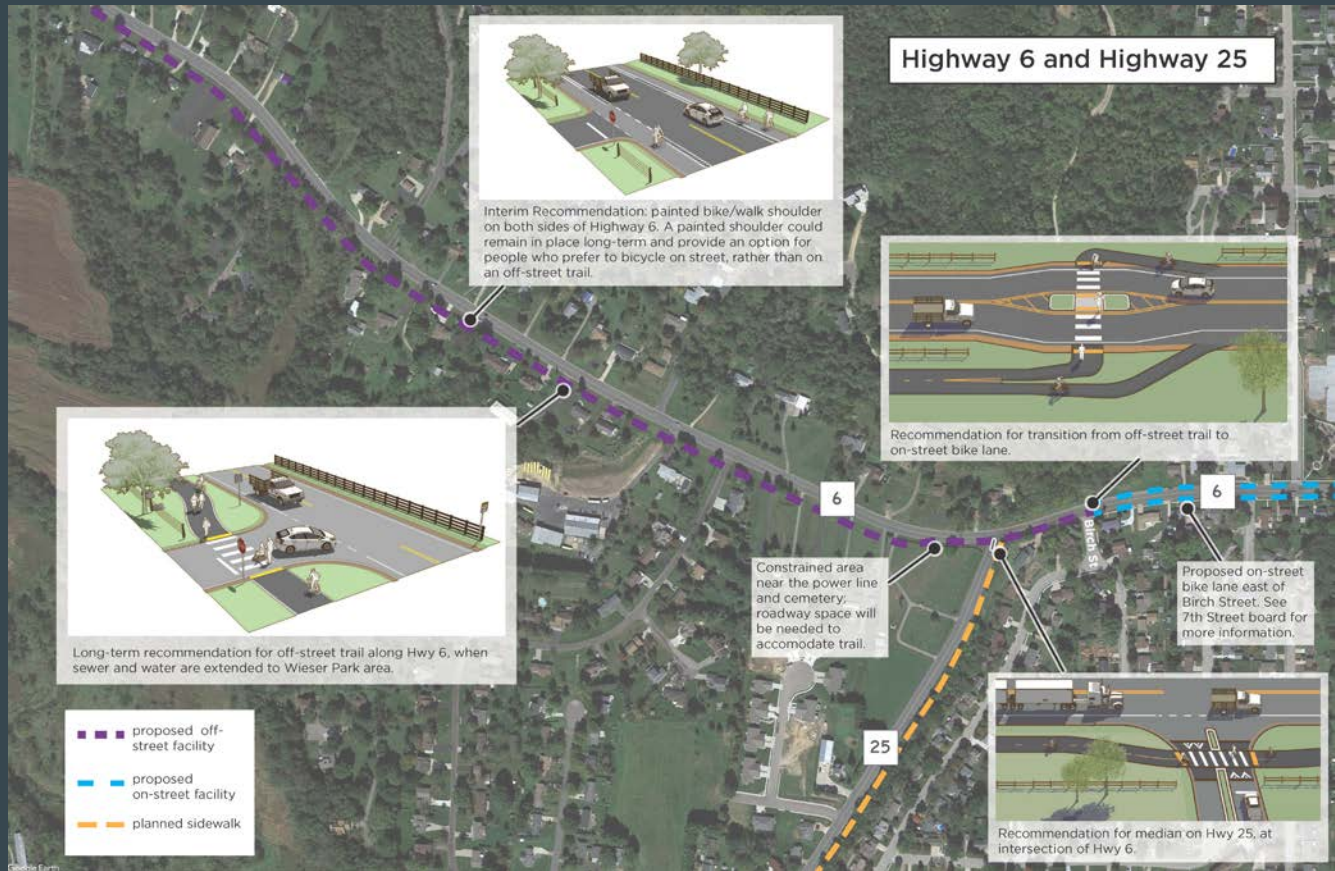
Center for Prevention at BCBS of Minnesota



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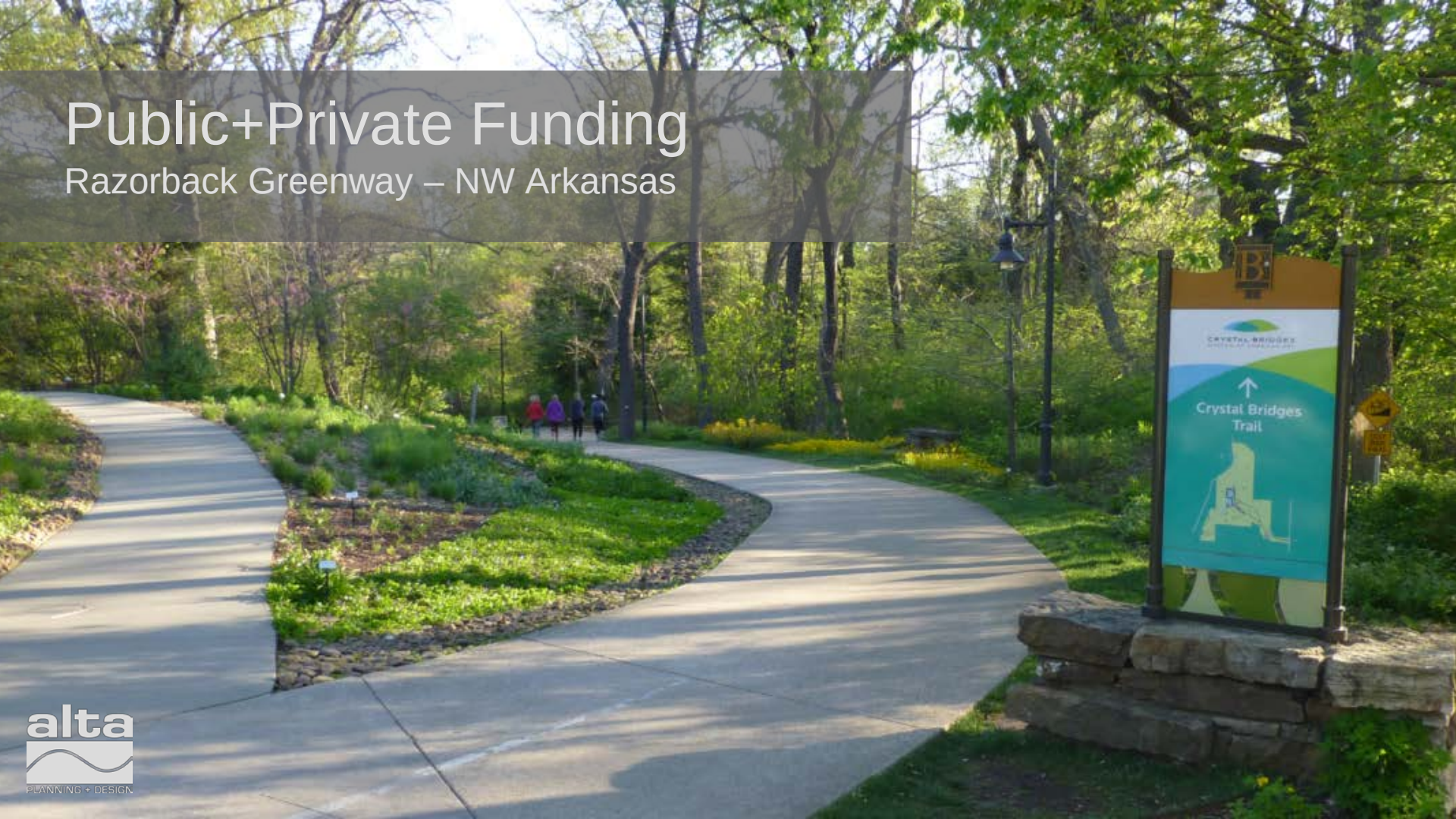
Public+Private Funding

Razorback Greenway – NW Arkansas



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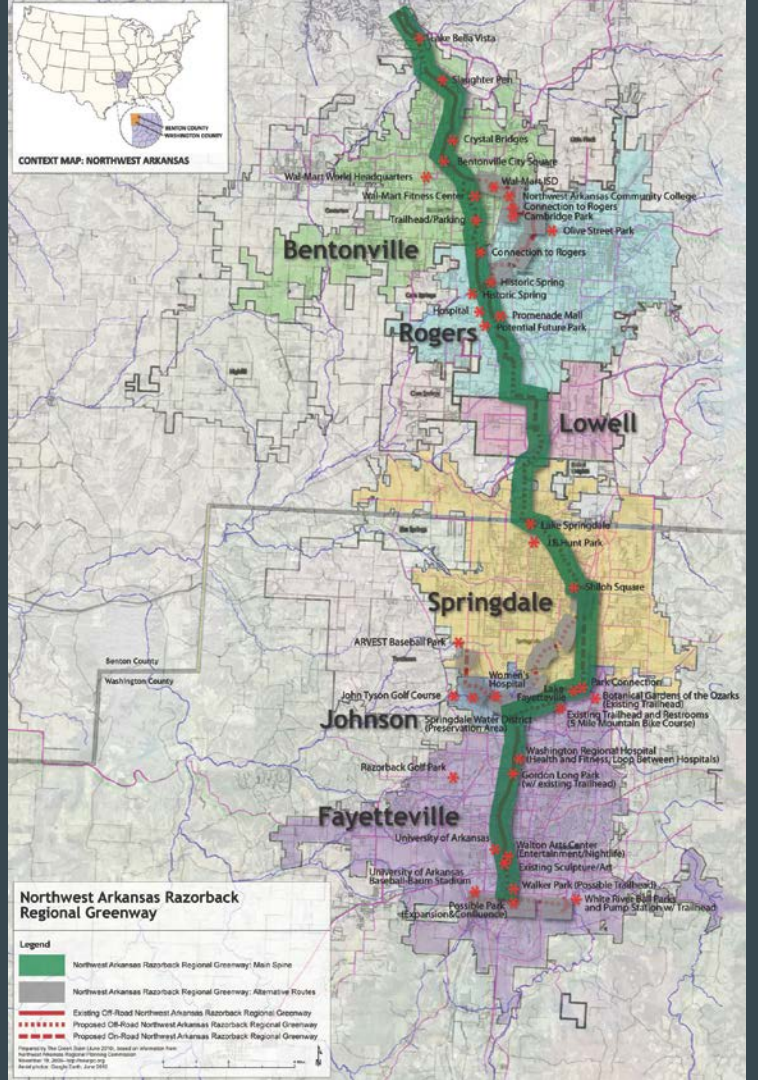
Public+Private Funding

Razorback Greenway – NW Arkansas

36-mile shared-use trail that connects:

- 6 cities
- University of Arkansas
- Hospitals
- Commercial and residential districts
- 23 schools
- HQs for 3 fortune 500 companies



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Public+Private Funding

Razorback Greenway – NW Arkansas

Project timeline:
7 years from initial planning to ribbon cutting

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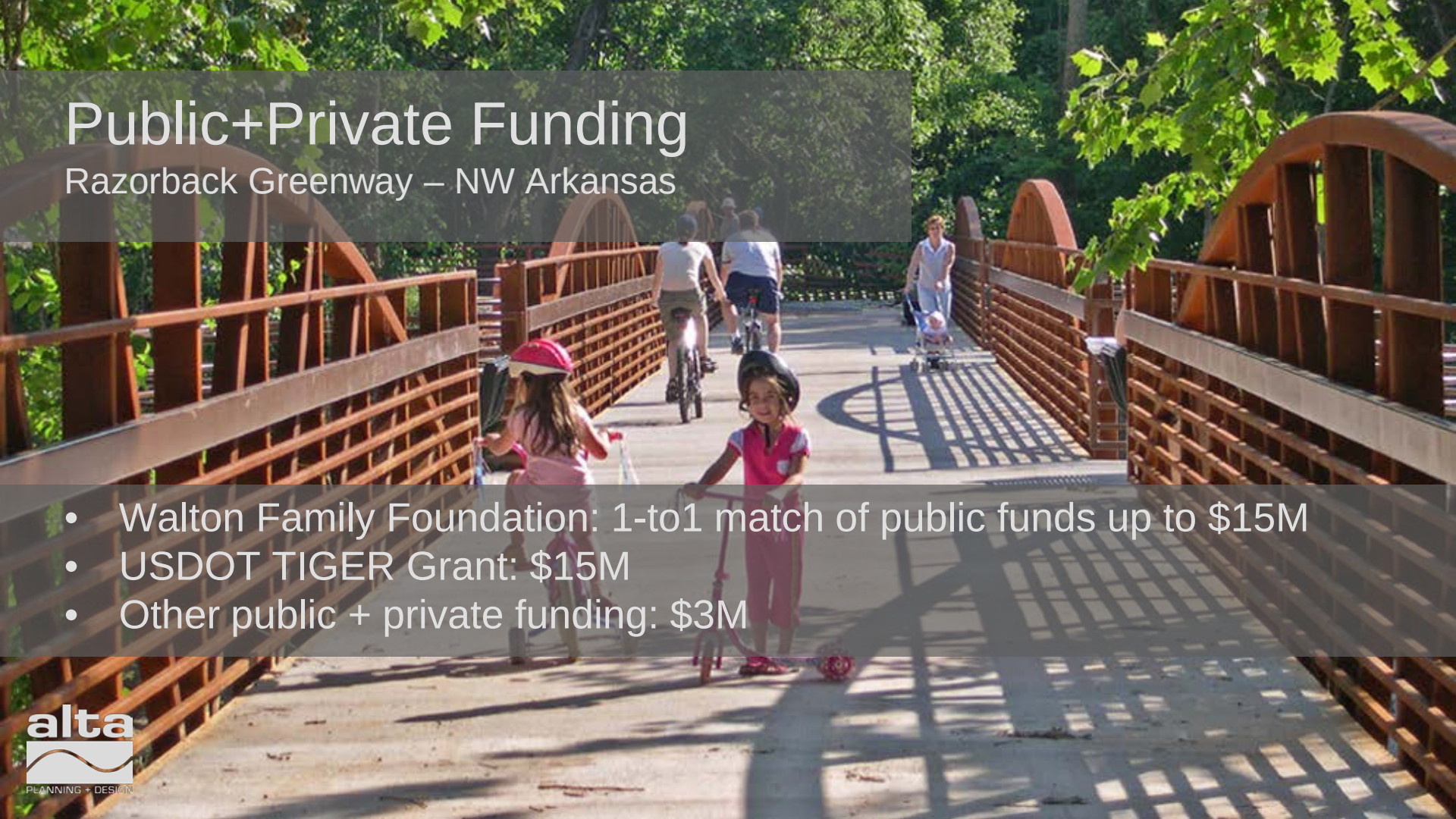
Public+Private Funding

Razorback Greenway – NW Arkansas



- Walton Family Foundation: 1-to1 match of public funds up to $15M
- USDOT TIGER Grant: $15M
- Other public + private funding: $3M

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Public+Private Funding

Razorback Greenway – NW Arkansas

- Public + private funding
- Show benefits: public health, economic development, environmental
- Broad support across region

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Public+Private Funding

Other major trail projects

- Indianapolis Cultural Trail ($20.5M public + $27.5M private)
- Philadelphia Circuit Trails ($23M public + $10M private)
- Memphis Big River Crossing ($15M public + ???)

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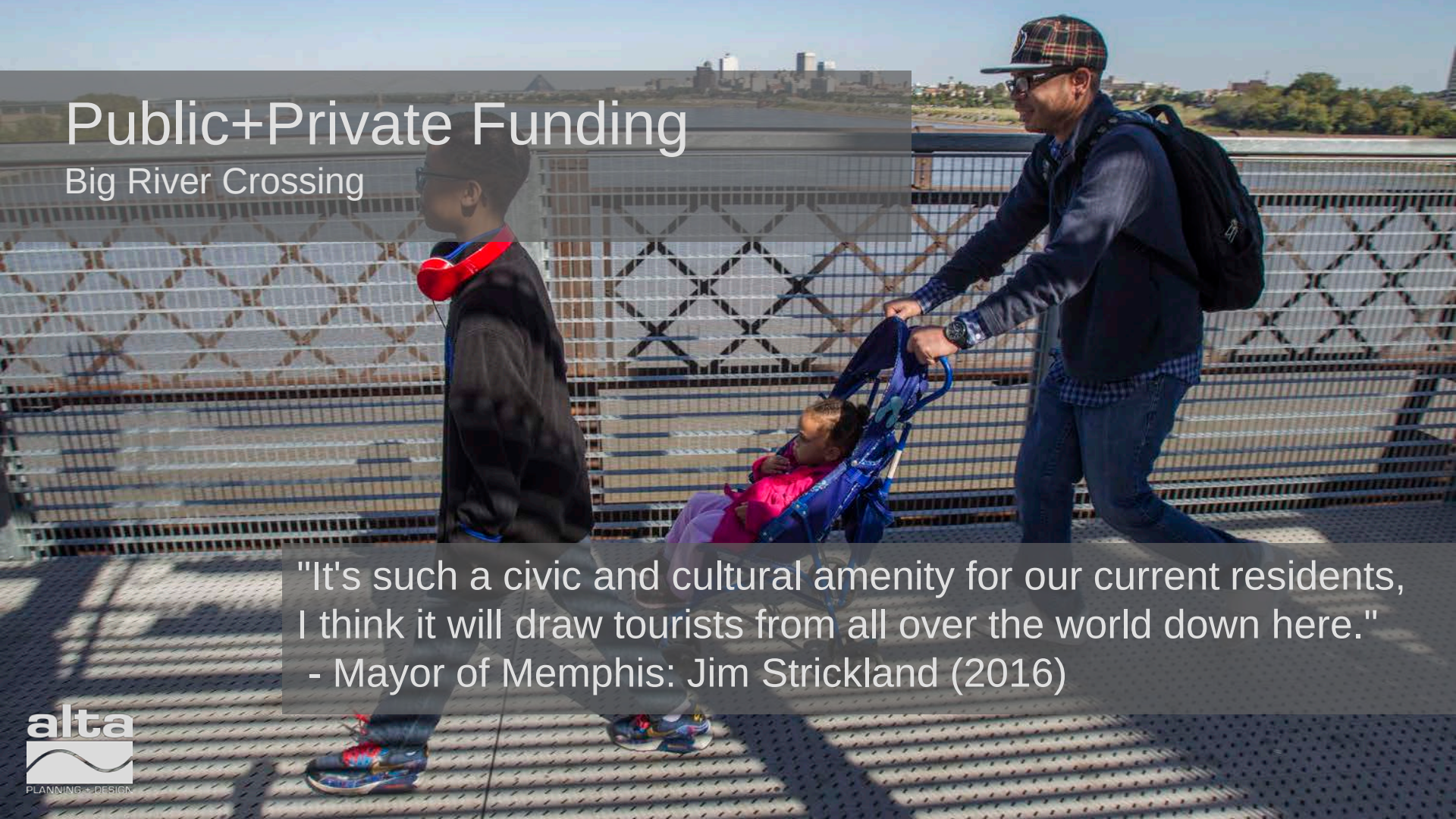
Public+Private Funding

Big River Crossing



"It's such a civic and cultural amenity for our current residents, I think it will draw tourists from all over the world down here."
- Mayor of Memphis: Jim Strickland (2016)

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Memphis

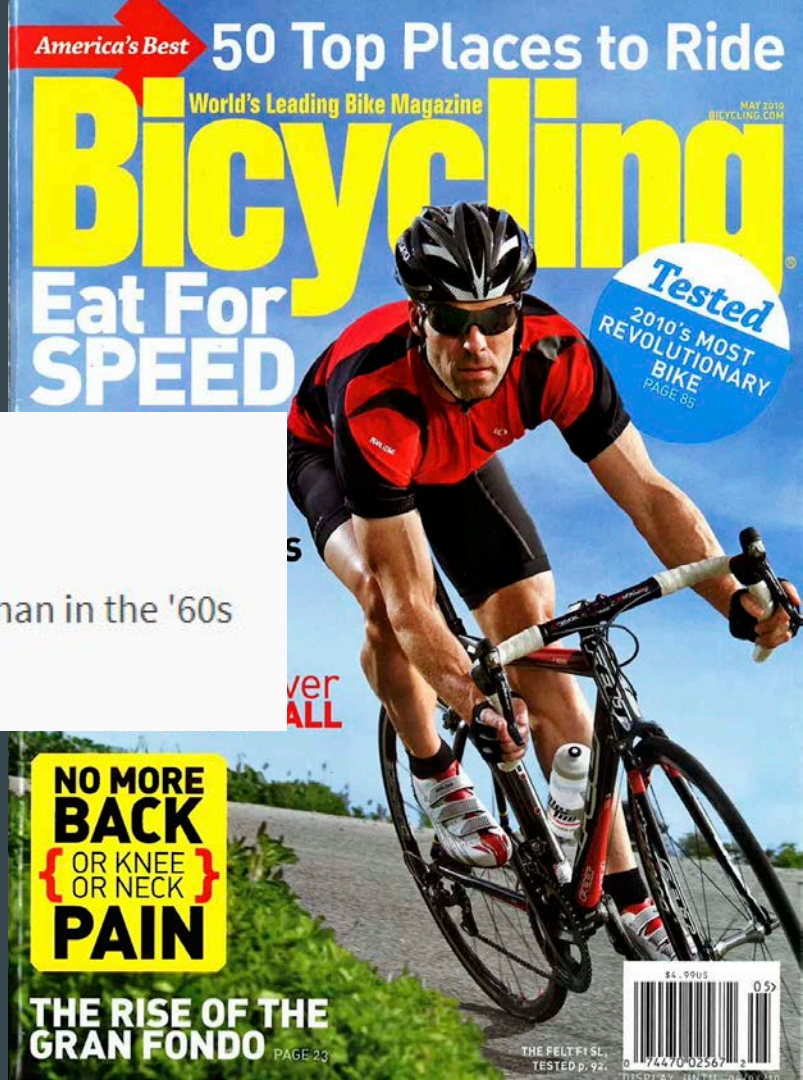
Starting from Zero

RIDES

Worst Cities For Cycling

Where cars rule, bike lanes don't exist and things are worse than in the '60s

APRIL 30, 2010 **CHRISTINE MATTHEIS**



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Memphis

Starting from Zero

2008 & 2010: “worst city for cycling” - Bicycling
2010: 2 miles of bike lanes in the city
2012: “most improved city for cycling” - Bicycling
2010 to 2013: 277% increase in ridership
2014: 92 miles of bike lanes in the city
2014: “How Memphis Became a Great Bicycle City” - CityLab
2015: 208 miles of bike lanes in the city
2017: 331 miles of bike lanes in the city
2017: Memphis is viewed as a leader in innovative bikeways

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"I've never been so wrong in my life"
- city council member who opposed funding (2010)

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Starting from Zero

Community street activation (2010)

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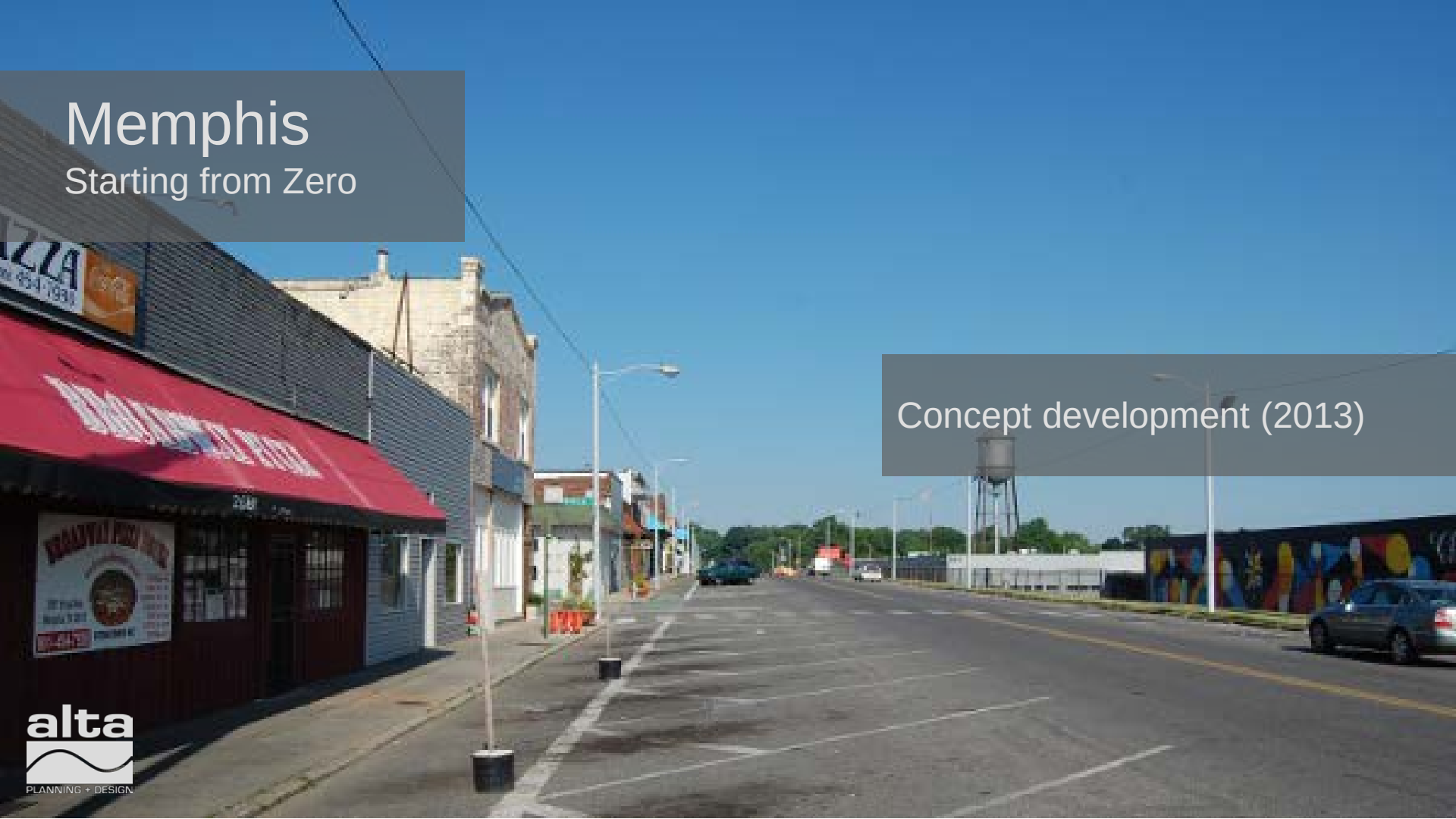
Starting from Zero



Concept development (2013)

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Memphis

Starting from Zero

Concept development (2013)

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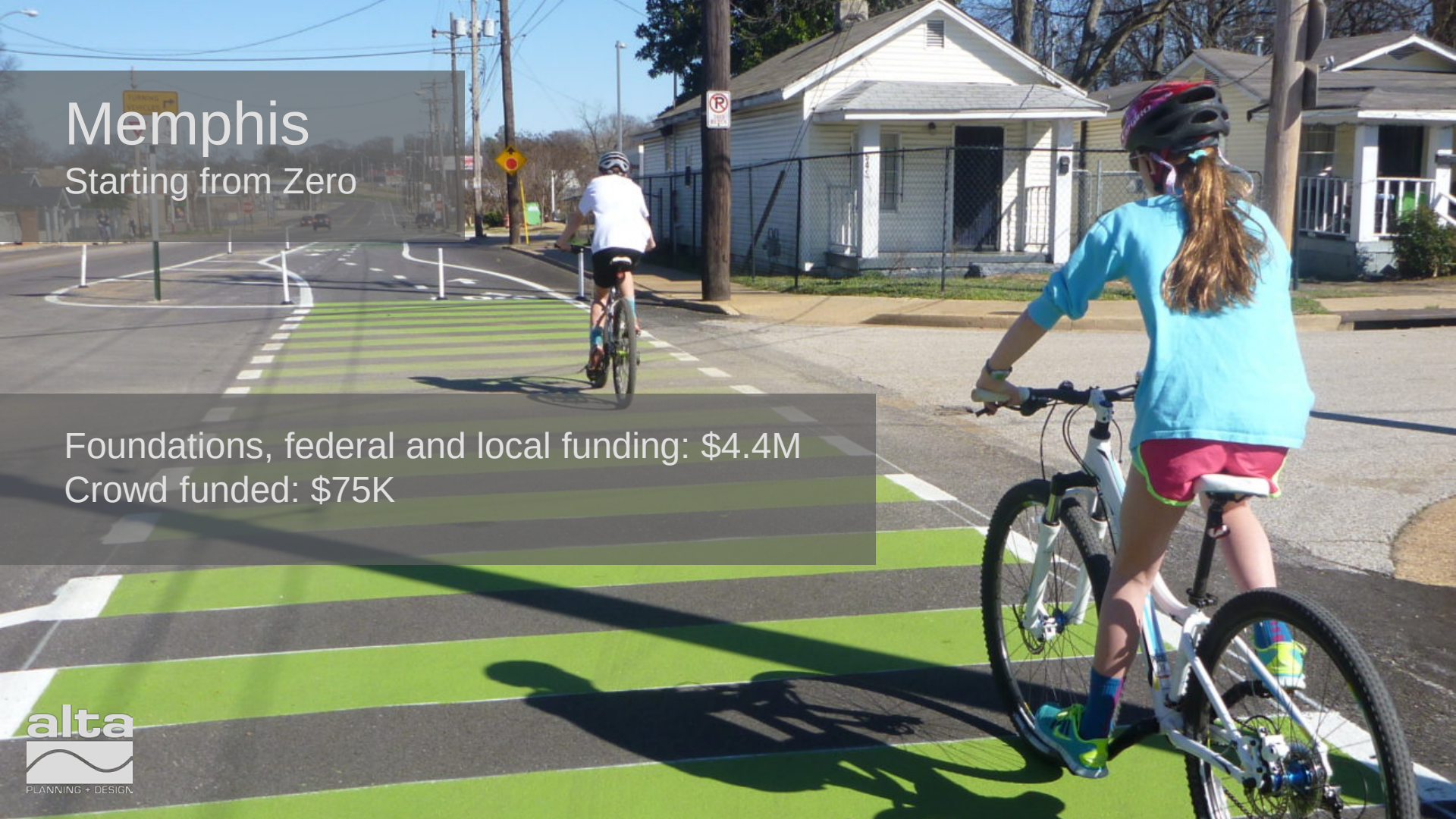

Memphis

Starting from Zero

Foundations, federal and local funding: $4.4M
Crowd funded: $75K

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Memphis

Starting from Zero

"We need to make biking part of our DNA"
- Memphis Mayor A.C. Wharton Jr. (2012)

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Alaska Opportunities

Build public+private partnerships
Build coalitions of elected officials
Build broad community support
Build opportunities for equitable outdoor recreation
Re-evaluate spending priorities

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