

UPDAC Meeting (Urbana Park District Advisory Committee) Tuesday, May 27, 2014



Urbana Park District



Agenda

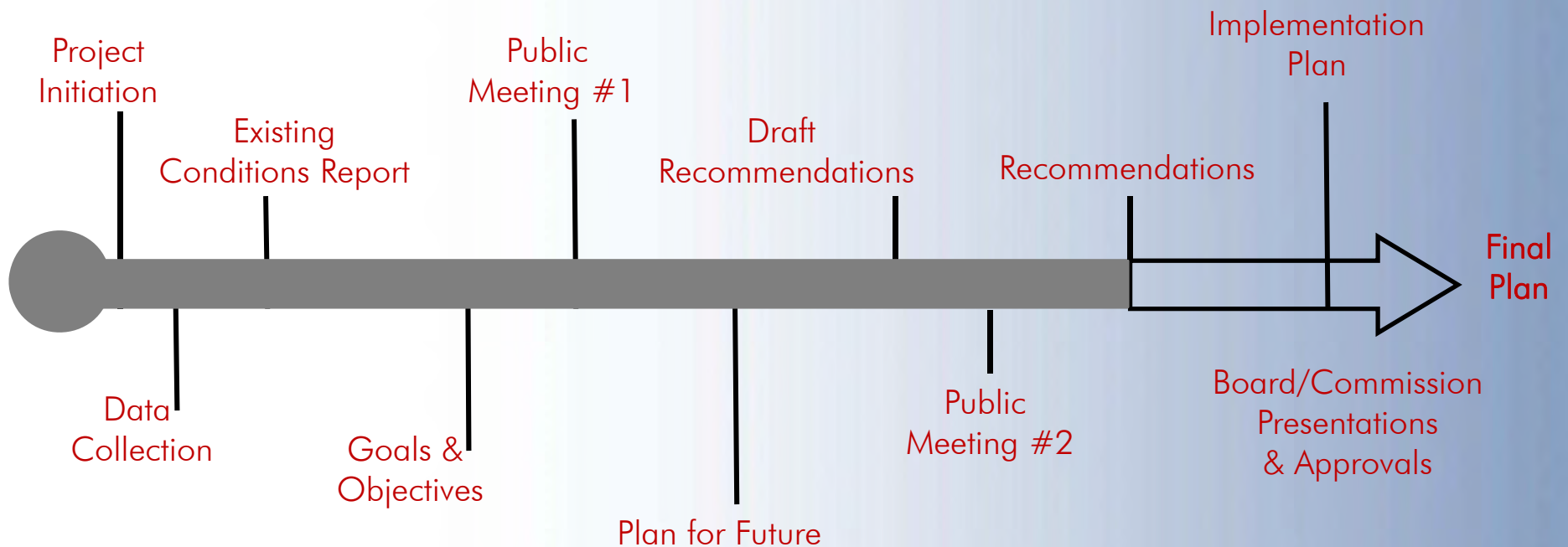
- ✓ Introduction
- ✓ Scope of Work
- ✓ Existing Park and Trail Facilities
- ✓ Goals and Objectives
- ✓ PABS Results
- ✓ Public Workshops – Summary and Results
- ✓ Recommendations
- ✓ Next Steps

Building the Future... Together!

Introduction

- Urbana Park District has received a lot of public interest in trails
- In conjunction with the City of Urbana Bicycle Master Plan (UBMP) update, UPD contracted with CCRPC to develop a trails plan





Scope of Work

Building the Future... Together!

Chapter 1: Introduction

Chapter 2: Existing Plans and Policies

Chapter 3: Existing Conditions Analysis

Chapter 4: Park Inventory and Trail Gap Analysis

Chapter 5: Recommendations

- Urbana Green Loop

- Off-street trails

- Sidepaths

- On-street connections

- Loop trails

- Fitness trail

Chapter 6: Implementation



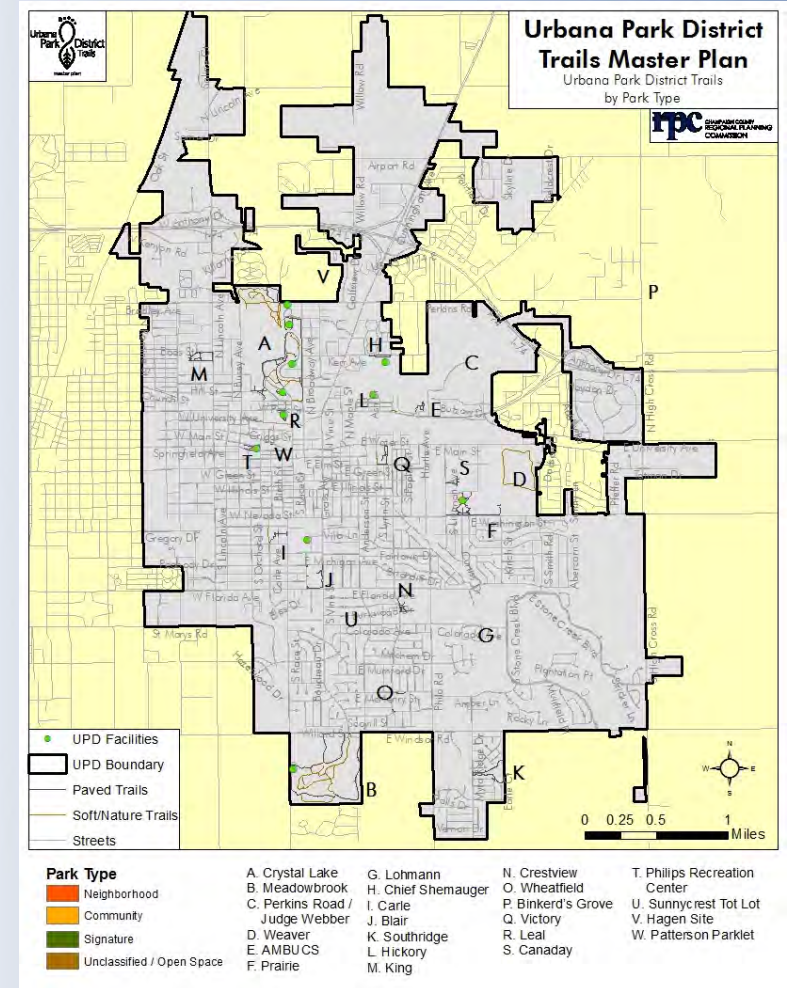
Building the Future... Together!

Existing Park and Trail Facilities



Existing Park Facilities

Urbana Park Classification



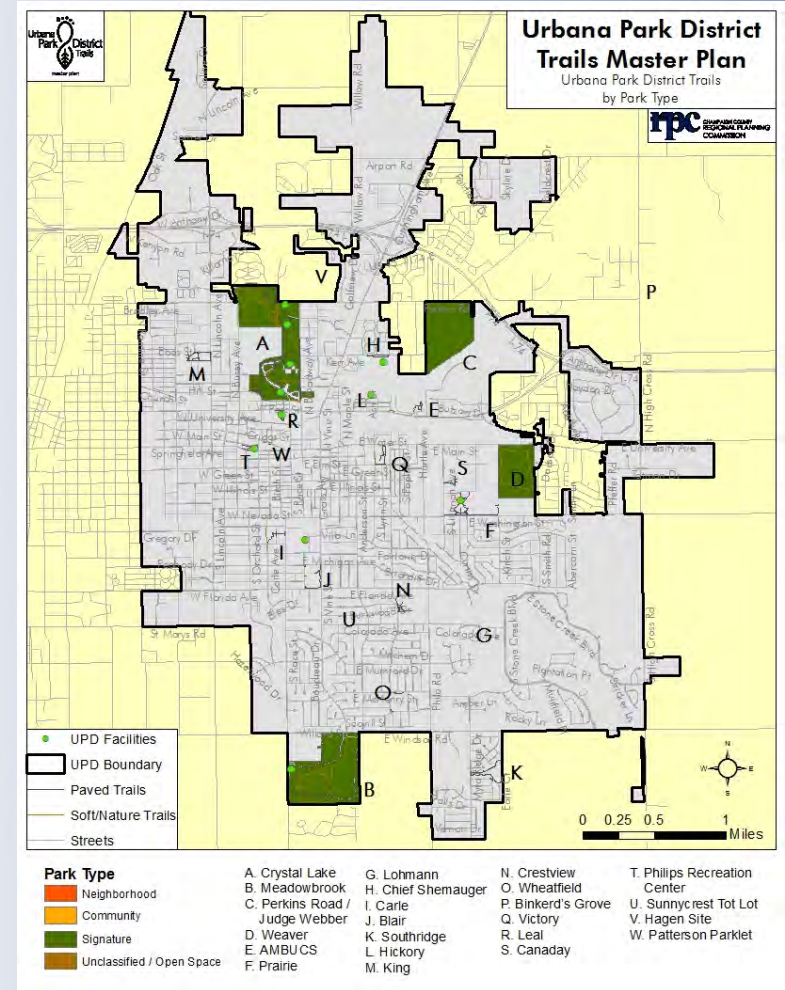
Urbana Park District Park and Trail Classification

Building the Future... Together!

Existing Park Facilities

Urbana Park Classification

- Signature (4)
 - 50+ acres
 - Defined natural areas + variety of park features
 - Service Area: Regional



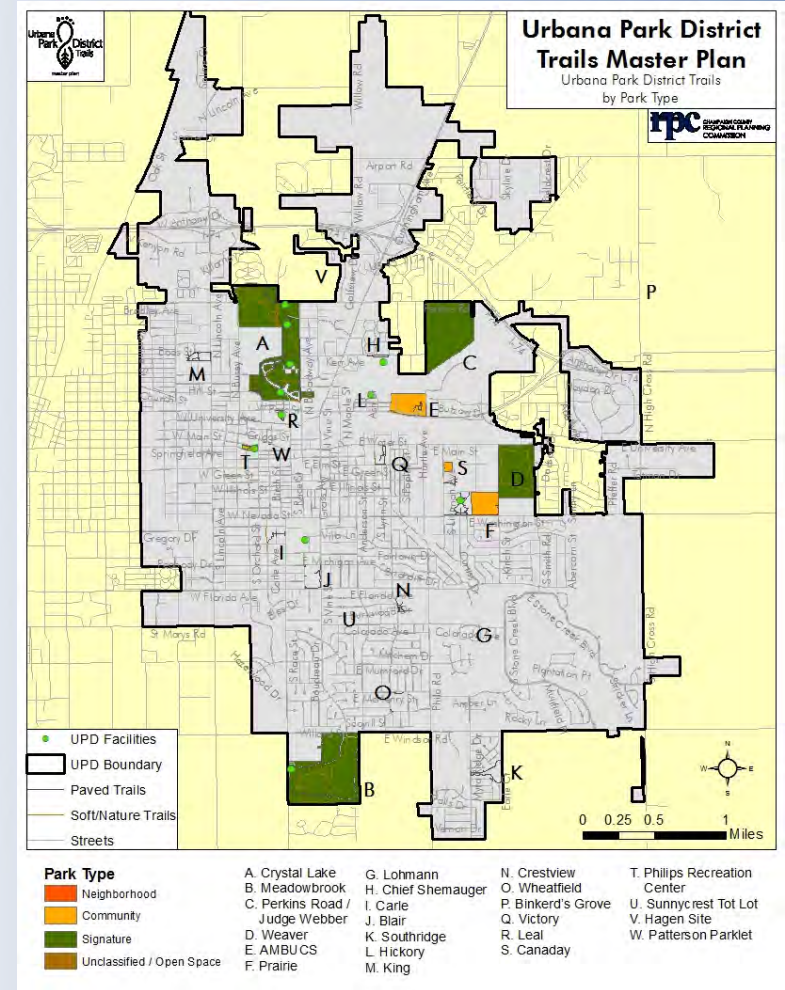
Urbana Park District Park and Trail Classification

Building the Future... Together!

Existing Park Facilities

Urbana Park Classification

- Signature (4)
 - 50+ acres
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 - Service Area: Regional
- Community (5)
 - 20 – 50 acres
 - Intense recreation; services available (lighting, parking, restrooms, etc.)
 - Service Area: 2 mile radius



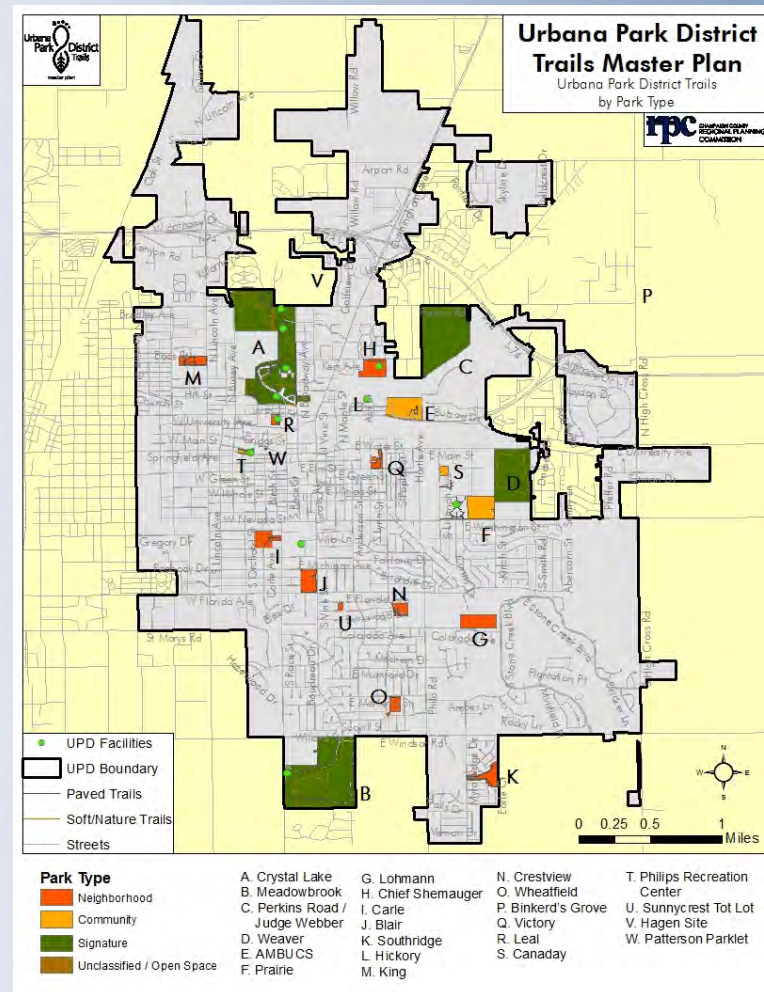
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 - Service Area: Regional
- Community (5)
 - 20 – 50 acres
 - Intense recreation; services available (lighting, parking, restrooms, etc.)
 - Service Area: 2 mile radius
- Neighborhood (12)
 - 10 – 20 acres
 - Light recreational facilities; limited services (lighting, restrooms, etc.)
 - Service Area: 0.5 mile radius



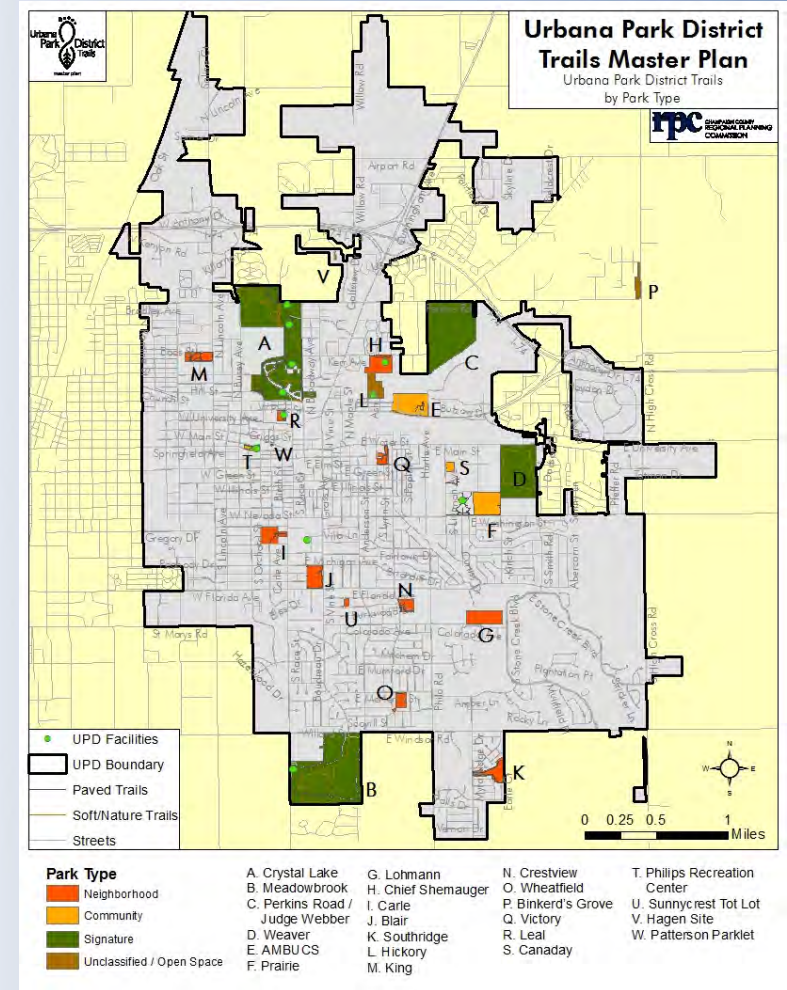
Urbana Park District Park and Trail Classification

Building the Future... Together!

Existing Park Facilities

Urbana Park Classification

- Other Unclassified/Open Space (3)
 - Binkerd's Grove
 - Hagen Site
 - Hickory Street Park Site



Urbana Park District Park and Trail Classification

Building the Future... Together!

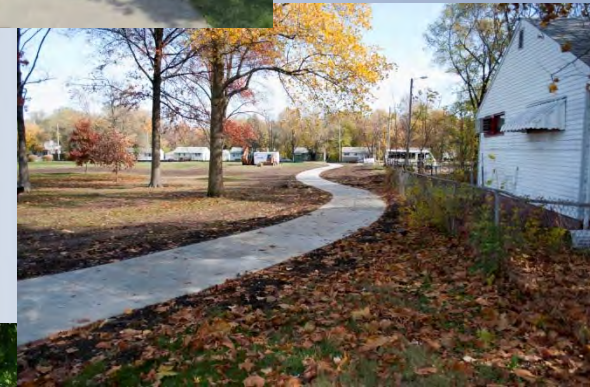
Off-Street Facility Types

- Shared-Use Paths (Trail)
 - Sidepaths
 - Parallel to road
 - For busier, faster roads without many crossings
 - Off-Street
 - Between neighborhoods
 - Through parks
 - Rails-to/with-Trails
 - Utility easements
 - Waterway corridors
- Bike Paths
 - University of Illinois campus only
 - Moving away from bike only paths towards shared-use paths



Windsor Road Sidepath
near Meadowbrook Park

Off-Street Trail
through King Park



Mathews Avenue
Bike Path

Building the Future... Together!

Existing Trail Facilities

- Trail Inventory

Park Name	Trail Type (miles)		
	Paved	Soft / Nature	Total
Crystal Lake	3.1	2.1	5.2
Meadowbrook	2.2	1.7	4.0
Brookens Sports Complex	1.2	0.0	1.2
Weaver	0.0	1.0	1.0
Southridge	0.7	0.0	0.7
King	0.6	0.0	0.6
Victory	0.4	0.0	0.5
Carle	0.3	0.1	0.4
Blair	0.4	0.0	0.4
Crestview	0.4	0.0	0.4
Phillips Recreation Center	0.4	0.0	0.4
Leal	0.3	0.0	0.3
Prairie	0.3	0.0	0.3
Chief Shemauger	0.3	0.0	0.3
AMBUCS	0.2	0.0	0.2
Wheatfield	0.1	0.0	0.1
Patterson Parklet	0.0	0.0	0.0
Canaday	0.0	0.0	0.0
Perkins Road / Judge Webber	0.0	0.0	0.0
Lohmann	0.0	0.0	0.0
Hickory Street	0.0	0.0	0.0
Binkerd's Grove	0.0	0.0	0.0
Hagen Site	0.0	0.0	0.0
Sunnycrest Tot Lot	0.0	0.0	0.0
TOTAL	10.9	5.0	15.9

Building the Future... Together!

Existing Trail Facilities

- Trail Inventory
- UPD maintains approx. **16 miles of trails** distributed among 15 parks + Brookens Sports Complex
 - **Paved Trails:** 11 miles within 14 parks
 - **Soft Trails:** 5 miles within four parks

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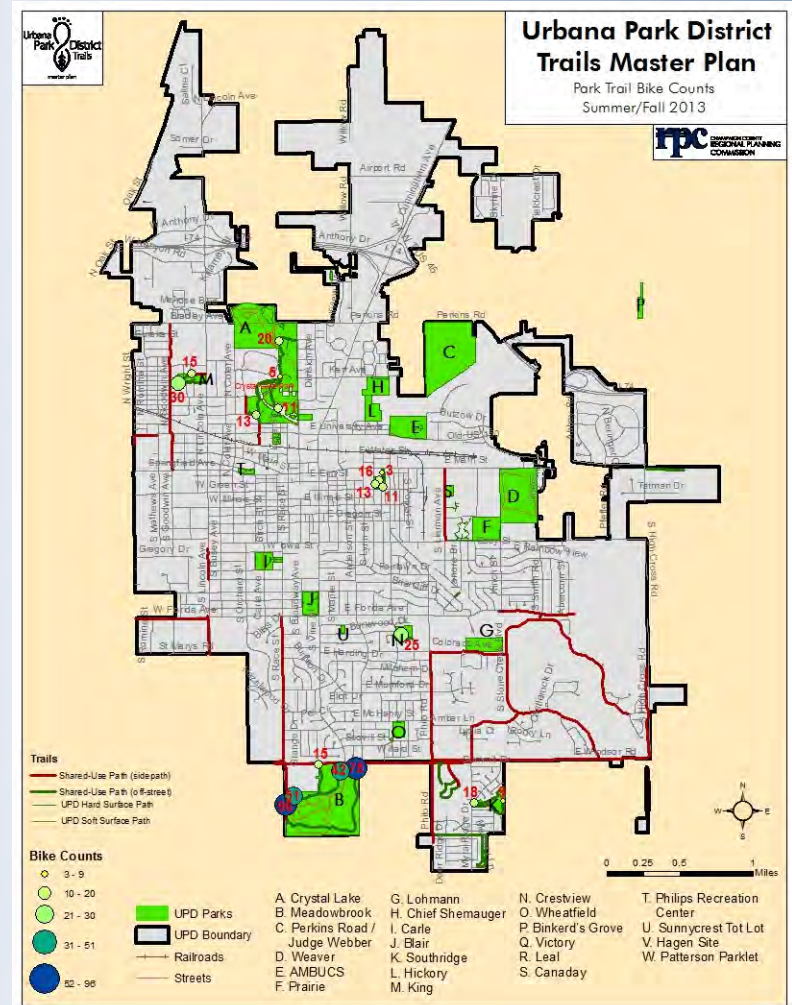
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Over 1/2 of all
UPD-managed
trails

Building the Future... Together!

Bicycle Ridership along Trail Facilities

- Bicycle Counts within UPD Parks
- 18 Locations

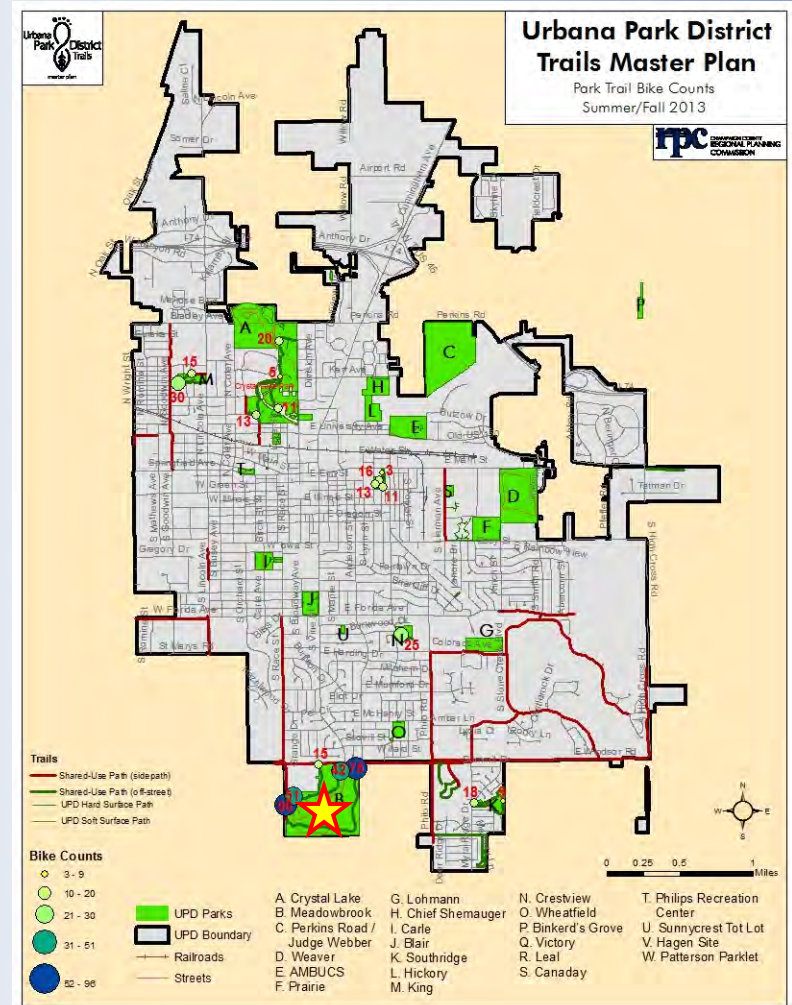


24-Hour Bike Counts within Urbana Park District Parks

Building the Future... Together!

Bicycle Ridership along Trail Facilities

- Bicycle Counts within UPD Parks
- **18 Locations**
 - Highest counts at Meadowbrook Park
 - **96 and 75** at two locations

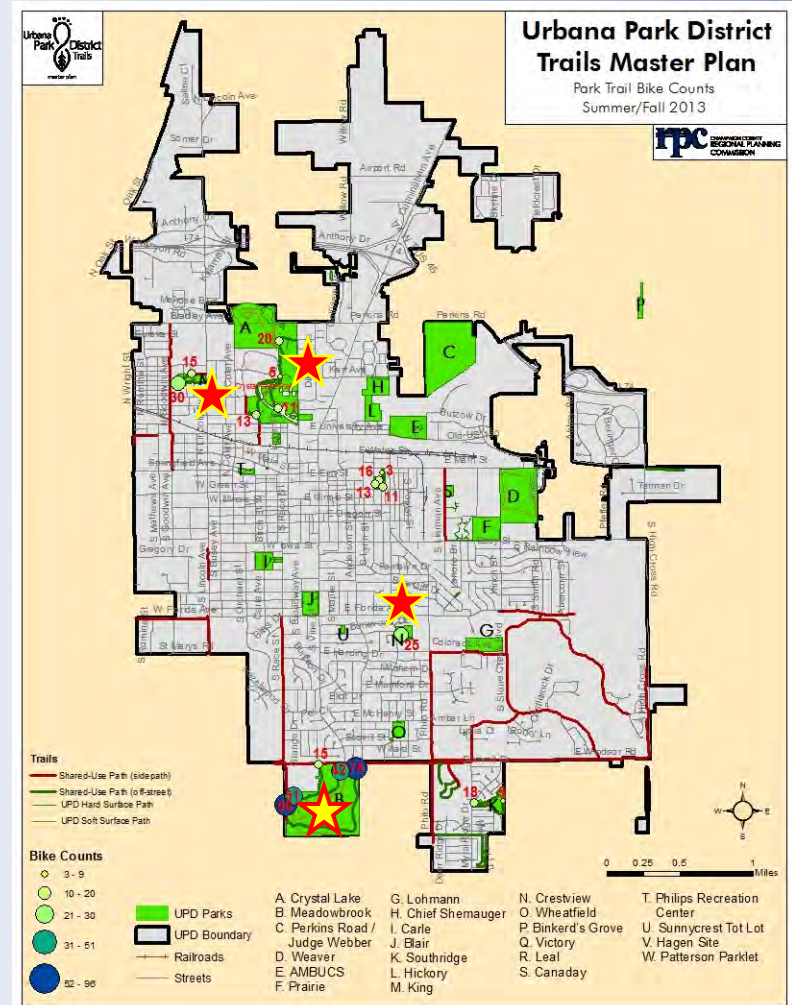


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Building the Future... Together!

Bicycle Ridership along Trail Facilities

- Bicycle Counts within UPD Parks
- **18 Locations**
 - Highest counts at Meadowbrook Park
 - **96 and 75** at two locations
 - Crystal Lake, King, & Crestview parks second highest
 - **20 to 30 cyclists** within 24 hours

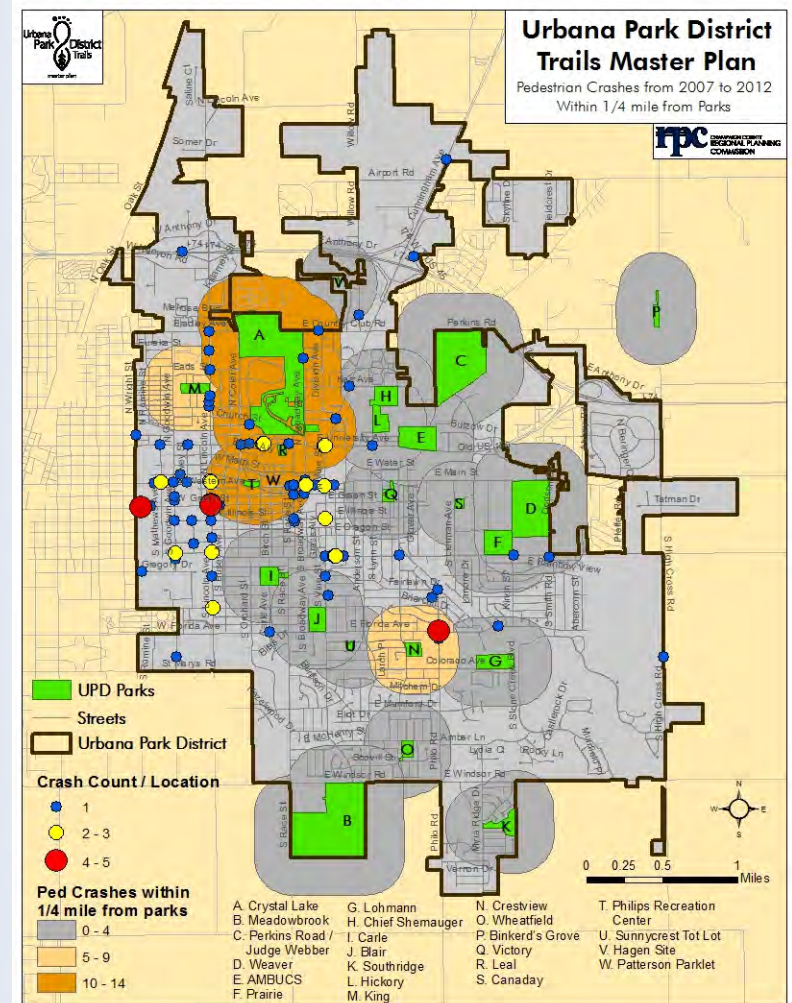


24-Hour Bike Counts within Urbana Park District Parks

Building the Future... Together!

Safety: Pedestrian Crashes

- 101 Pedestrian-Car Crashes between 2007 and 2012

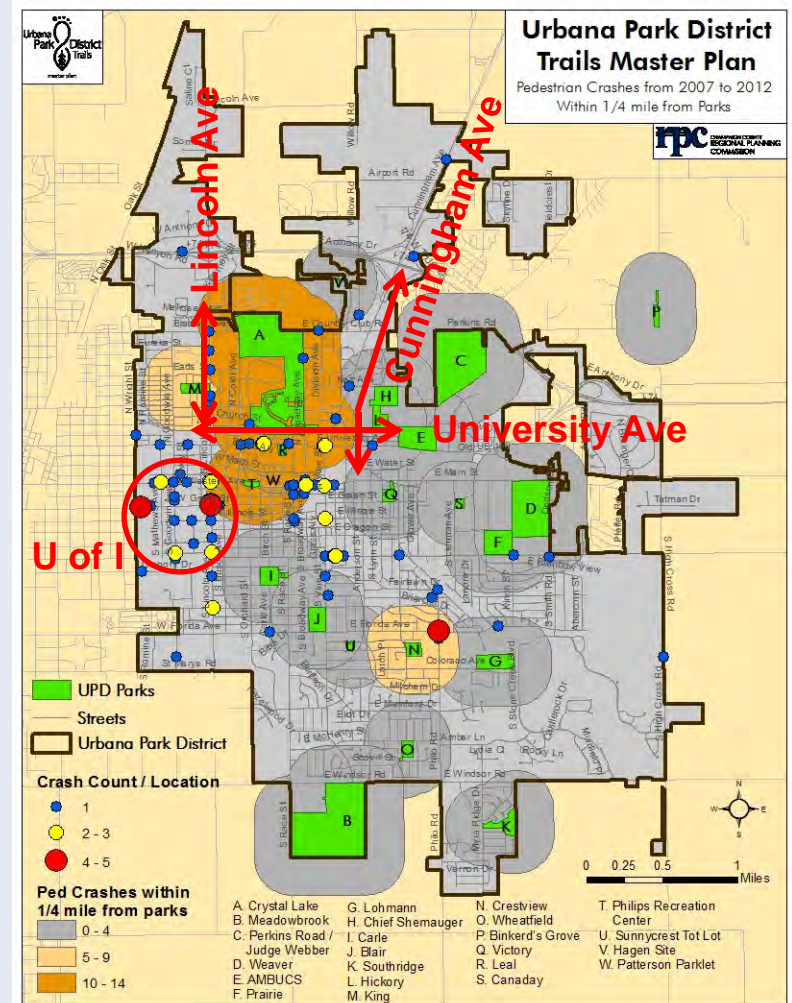


Pedestrian-Car Crashes within UPD Limits between 2007 and 2012

Building the Future... Together!

Safety: Pedestrian Crashes

- 101 Pedestrian-Car Crashes between 2007 and 2012
- Major Crash Zones:
 - University of Illinois
 - Lincoln Avenue
 - Cunningham Avenue
 - University Avenue

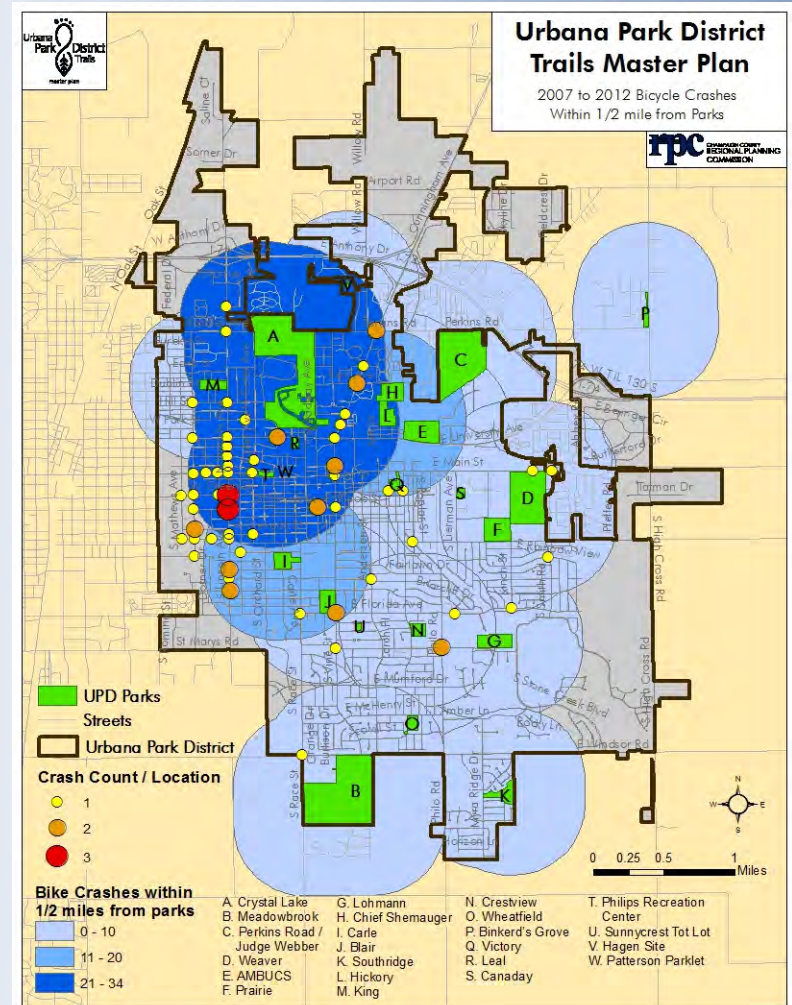


Pedestrian-Car Crashes within UPD Limits between 2007 and 2012

Building the Future... Together!

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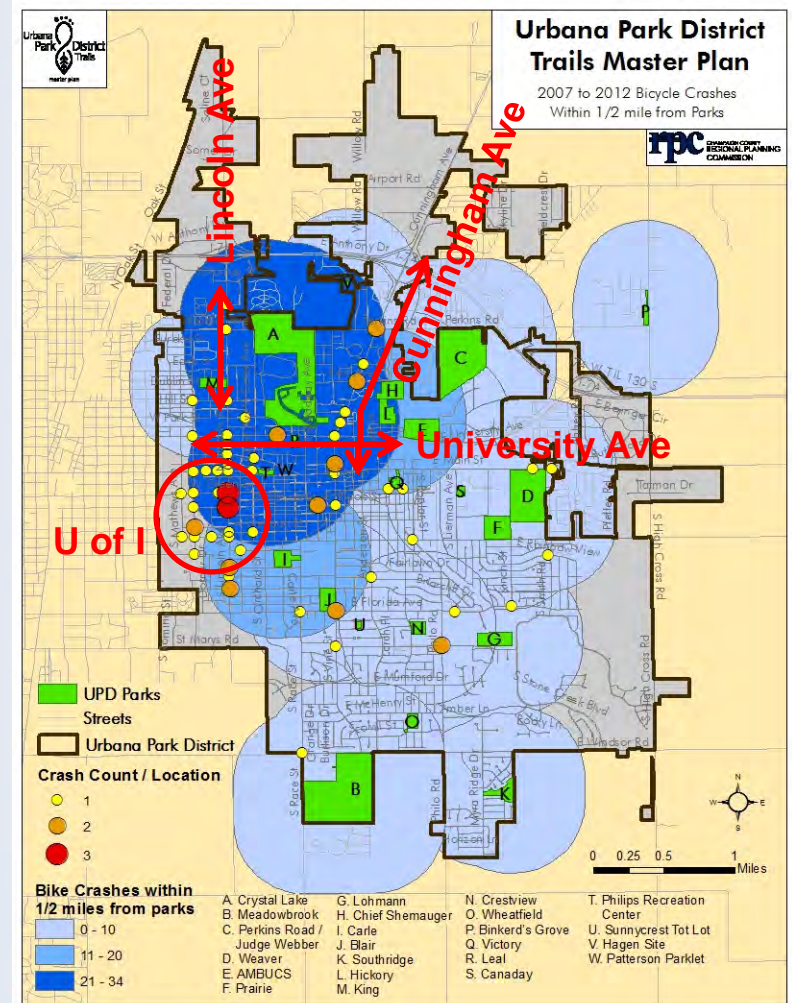


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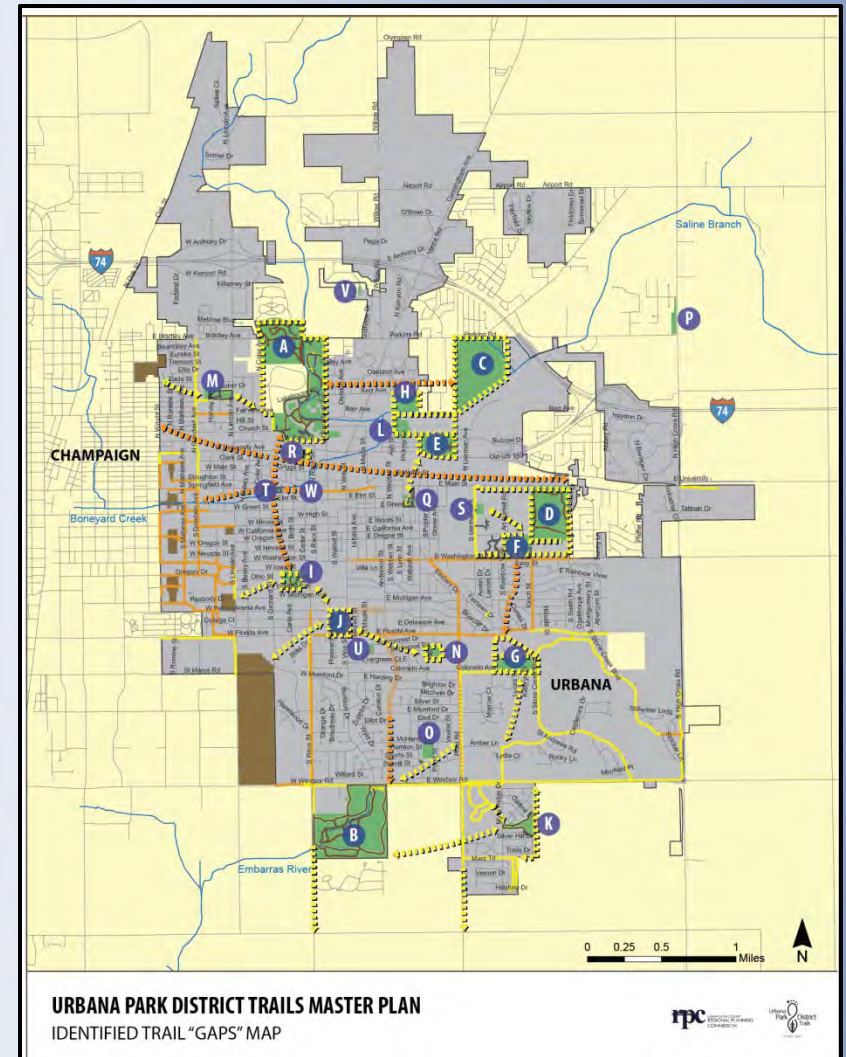
Bicycle-Car Crashes within UPD Limits between 2007 and 2012

Building the Future... Together!

Trail “Gap” Analysis

Identified Bicycle and Shared Use Path Gaps between UPD Parks

- Are some gaps more important?
- Are there others?

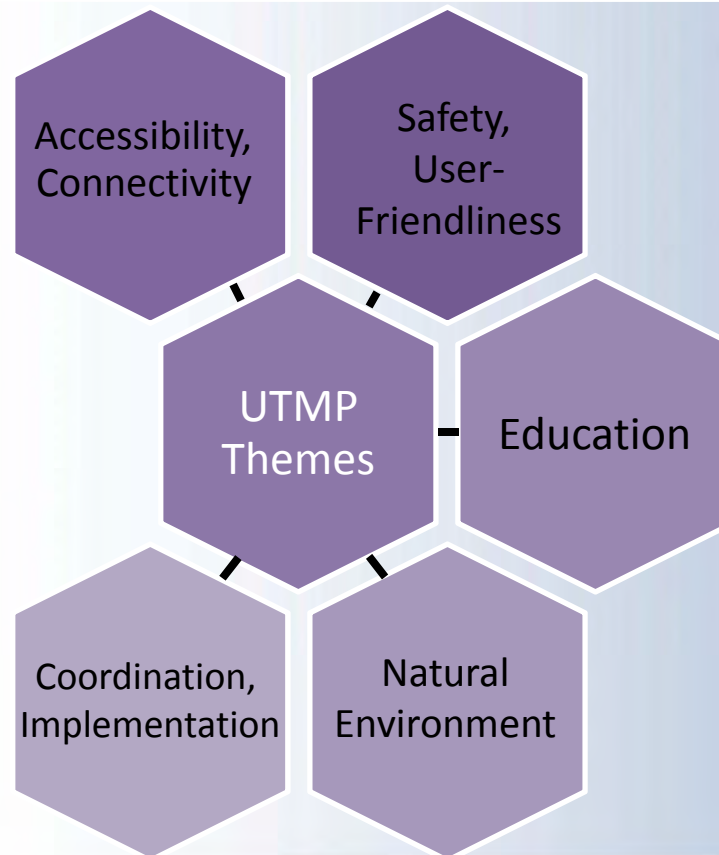


Building the Future... Together!

Goals and Objectives

Structure:

Theme			
Goal			
Objectives	Performance Measures	Strategies	Responsible Parties



Building the Future... Together!

Goals and Objectives

Goal 1: Continue with the collaborative development of a district-wide / regional trail system including strong connections between present and future UPD parks, loop trails within parks and linkages within the regional trail system.

Building the Future... Together!

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Building the Future... Together!

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Goal 3: Educate residents about the benefits and availability trail facilities.

Building the Future... Together!

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Goal 4: The development and operation of greenways coinciding with Urbana Park District trails will preserve and enhance the natural environment.

Building the Future... Together!

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Goal 3: Educate residents about the benefits and availability trail facilities.

Goal 4: The development and operation of greenways coinciding with Urbana Park District trails will preserve and enhance the natural environment.

Goal 5: Planning and implementation of all Urbana park trails system projects will be done in coordination with the City of Urbana's Bicycle Master Plan and proposed sidewalk improvements, as well as the Champaign County Greenways and Trails Plan in a manner emphasizing rational and cost-effective measures.

Building the Future... Together!

Urbana PABS Results

*PABS: Pedestrian And Bicycle Survey
Summer/Fall 2013*



Urbana PABS Results

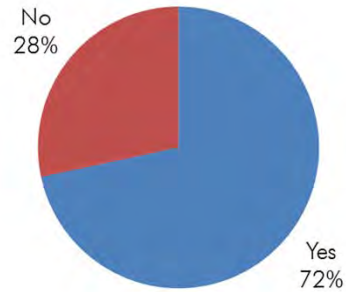
Survey Responses



Urbana PABS Results

Survey Responses

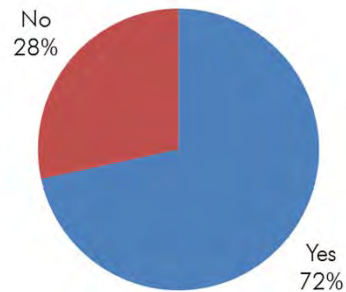
Do you ever use park trails in Urbana? (1,111 responses)



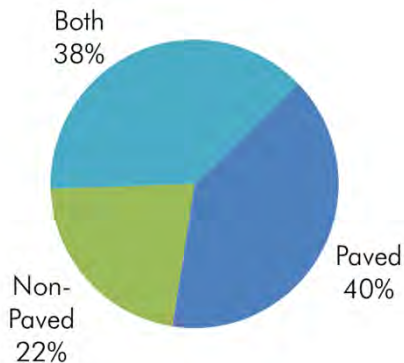
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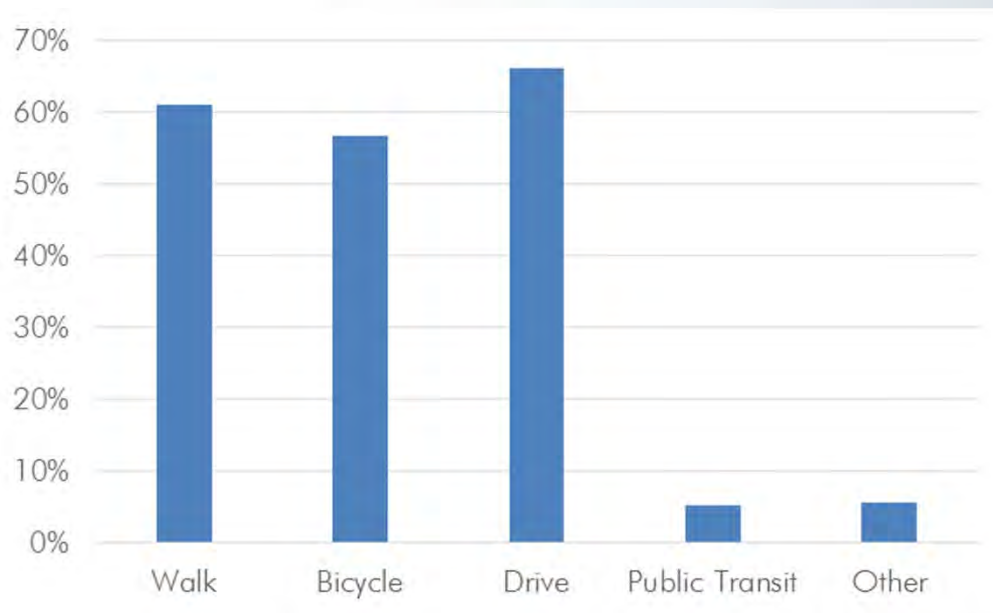
What type of trail do you prefer? (791 responses)



Urbana PABS Results

Popularity of Travel Modes to Parks

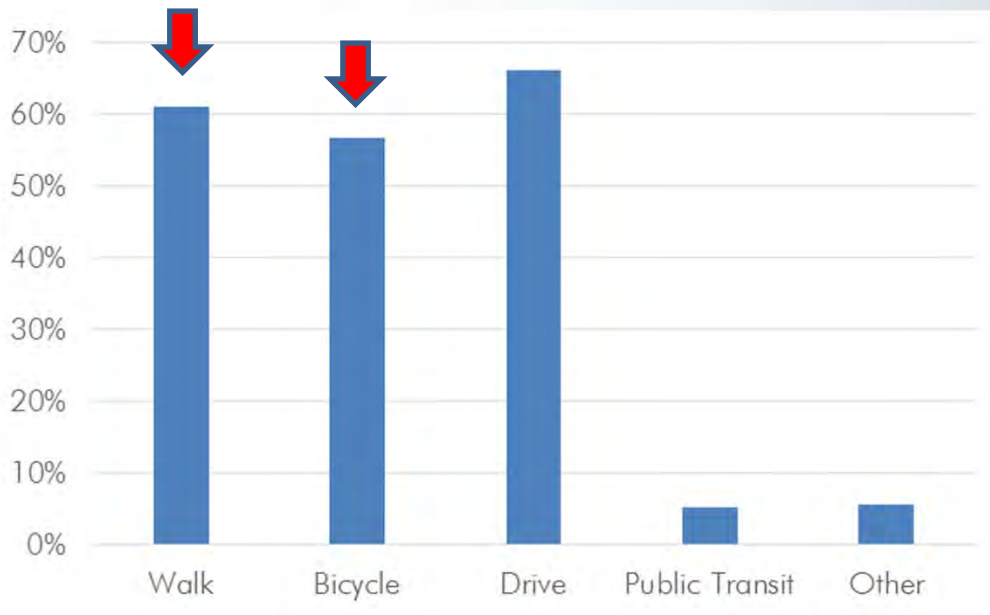
- 38% Used Single Travel Mode
- 62% Used Multiple Travel Modes



Urbana PABS Results

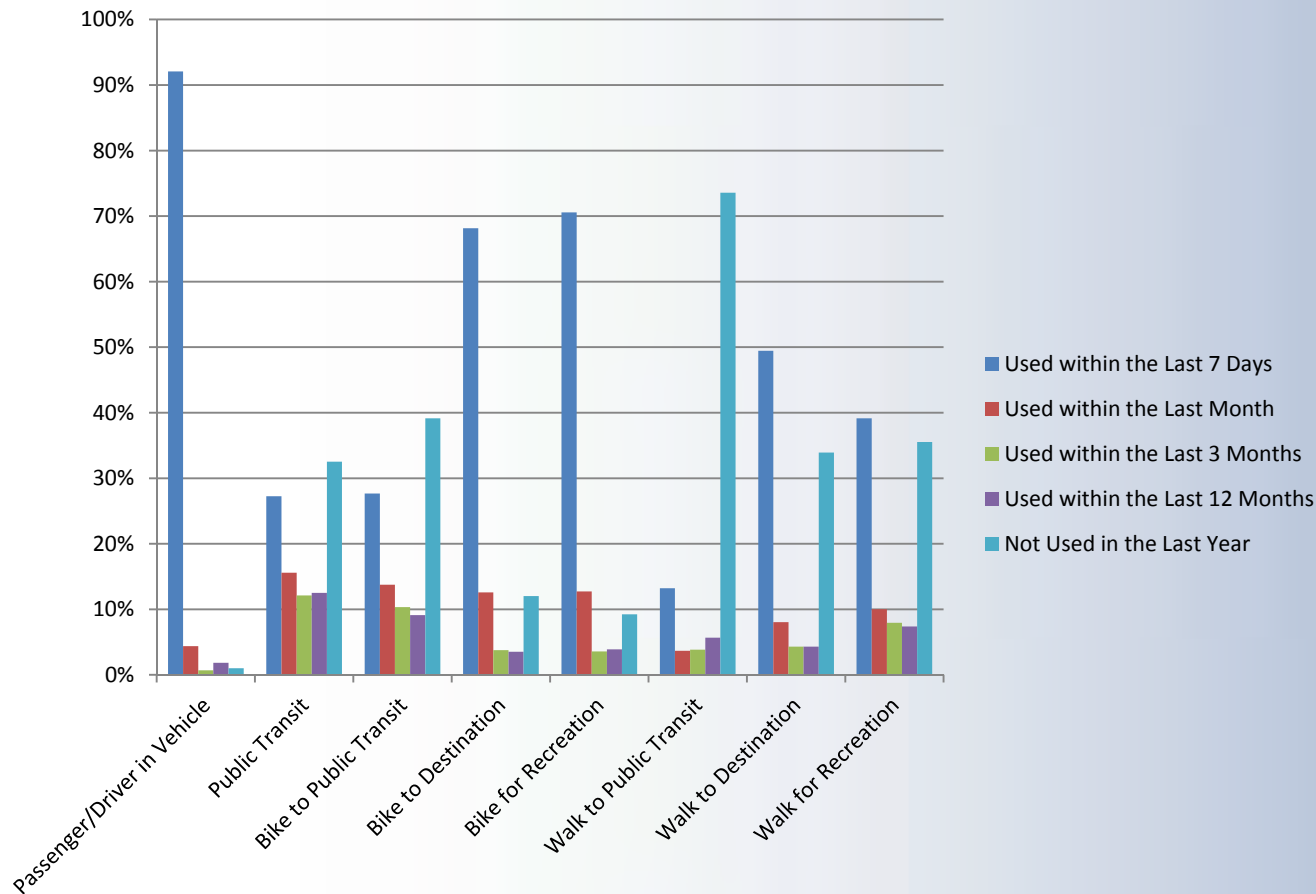
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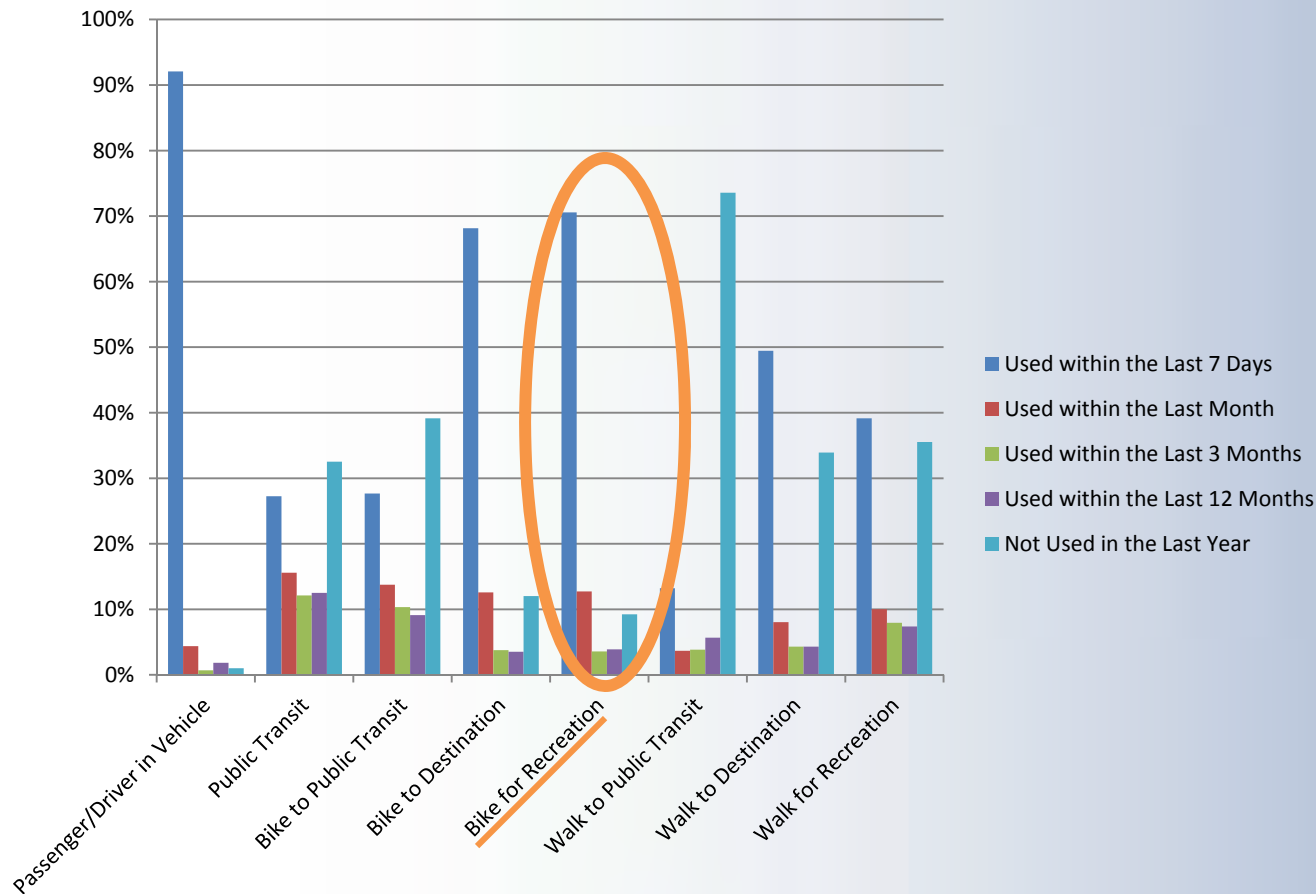
Urbana PABS Results

Most Recent Transportation Use



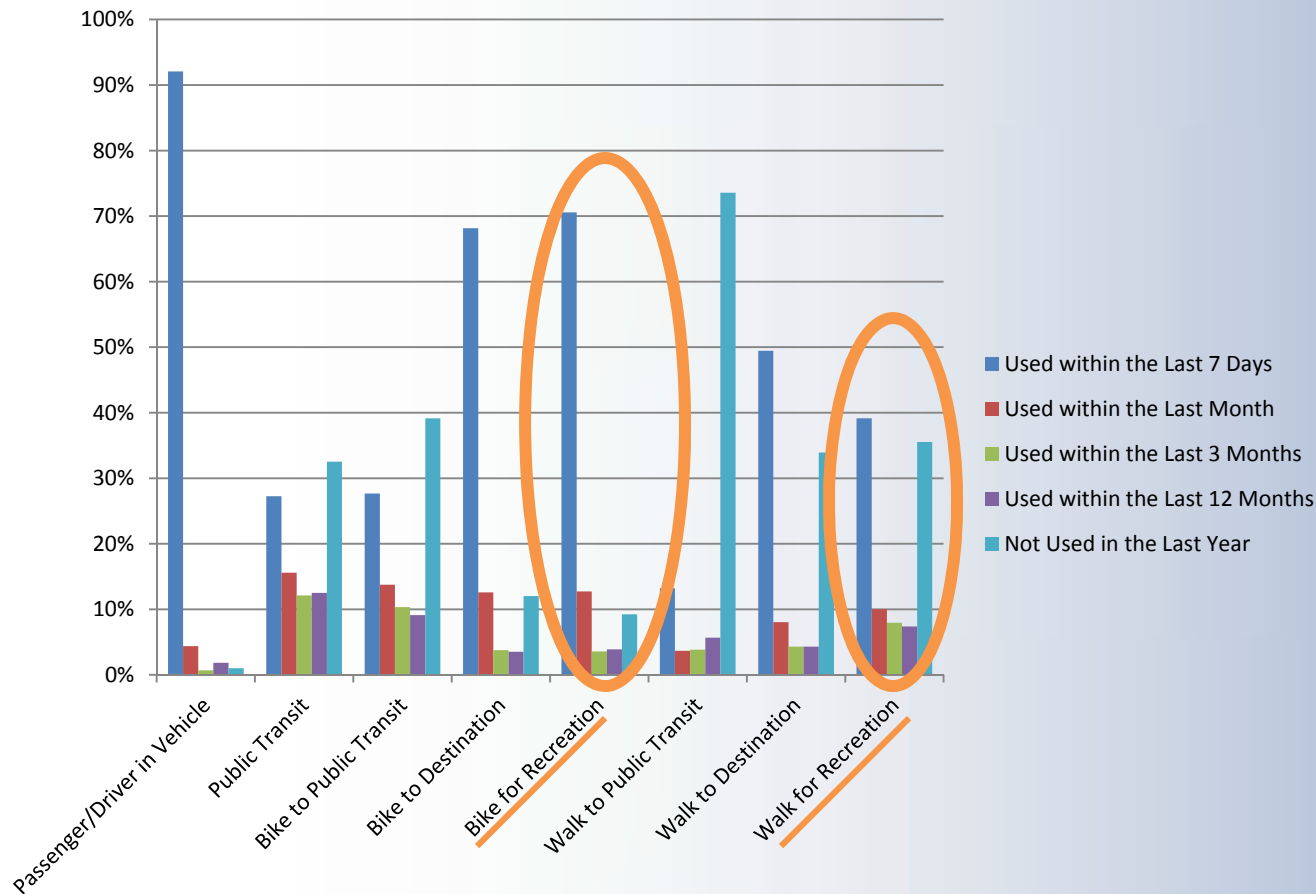
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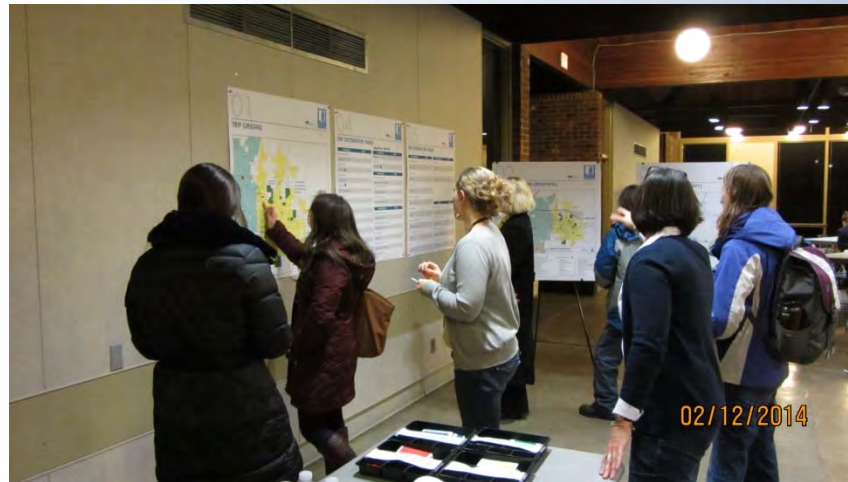
Public Workshop Series #1 Results

February 2014

Building the Future... Together!

Public Participation

Date	Location	Number of Participants
February 12, 2014	Communitywide: Urbana Civic Center	33
February 18, 2014	North Urbana: King School	14
February 19, 2014	East Urbana: Urbana Early Childhood School (UECS)	9
February 20, 2014	Latinos: Leal School	2
TOTAL		58



Building the Future... Together!

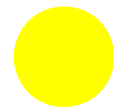
UTMP Comments

Location	Total Trail Comments	Trail Issue	Trail Opportunity	Street Address	Requested Trail
Urbana Civic Center	14	5	9	9	5
Urbana Early Childhood School	15	15	6	12	1
King School	1	1	0	1	0
Total	30	21	15	22	6



Building the Future... Together!

Public Meeting #1 - Results

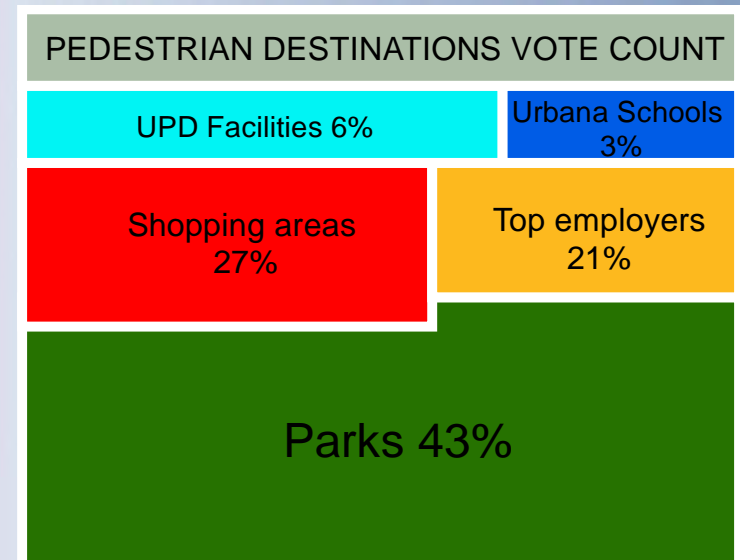


Origin – 31



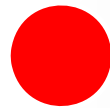
Destination – 24

Top Destinations	Vote Count
Downtown	8
University of Illinois	8
Blair Park	5
Meadowbrook Park	5
Crystal Lake Park	3
Leal Park	3
Market at the Square	3



Building the Future... Together!

Public Meeting #1 - Results

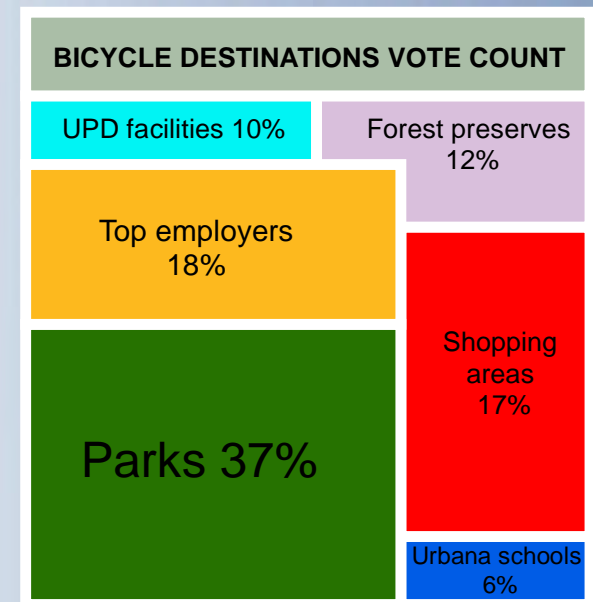


Origin – 30



Destination – 33

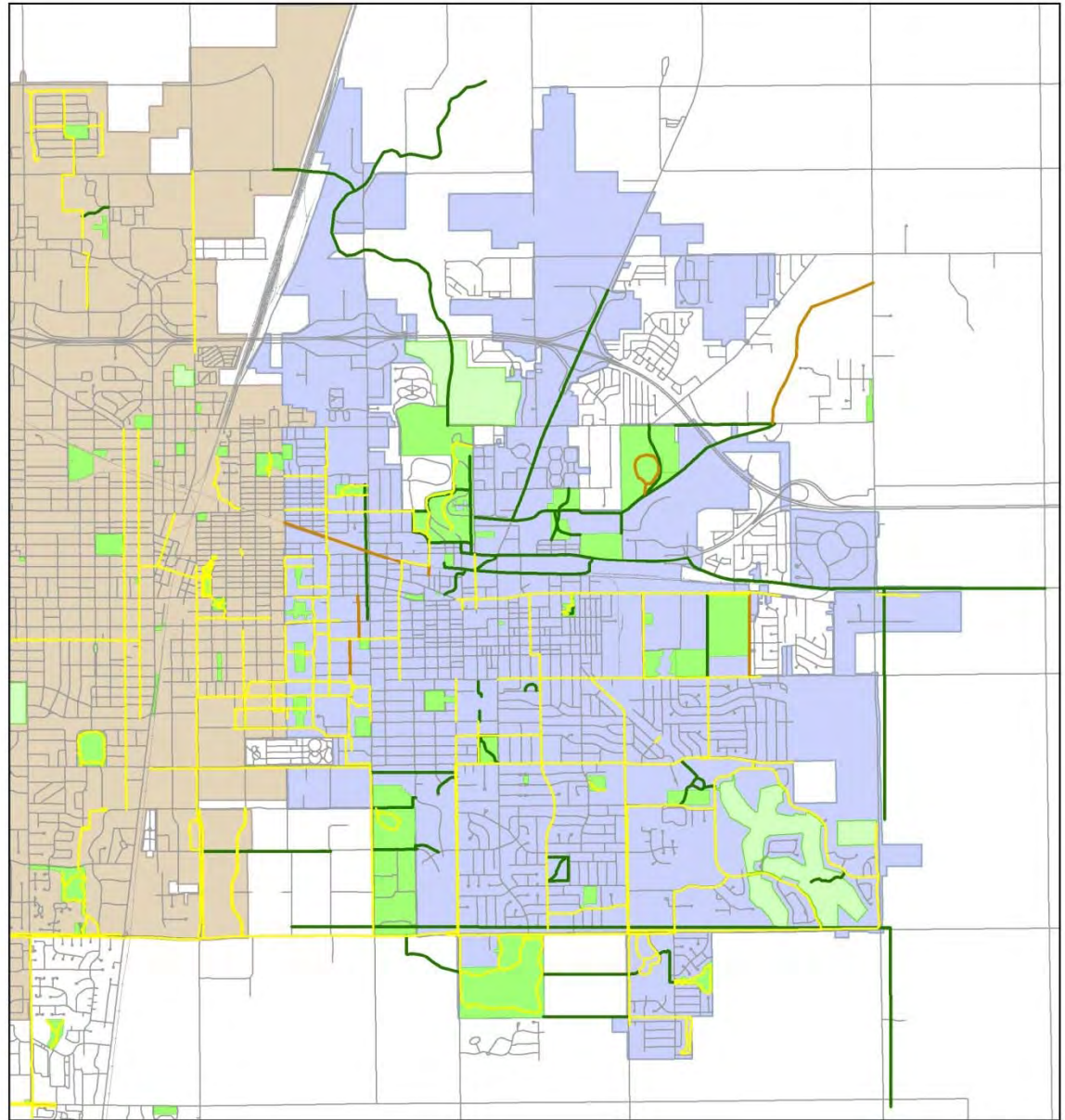
Top 5 Destinations	Vote Count
Meadowbrook Park	21
University of Illinois	12
Downtown	11
Market at the Square	10
Crystal Lake Park	9



Building the Future... Together!

Requested Paths

- Green = paved trail
- Brown = unpaved trail
- Yellow = existing facility



Building the Future... Together!

Public Workshop #2 Results

*April 23, 2014
Urbana Middle School*

Building the Future... Together!

Public Participation

Total Participants			20
Comment Card – Response about...	Workshop		5
	Issues		8
	Other non-infrastructure strategies		6
	Recommendation	To the City of Urbana	8
		To Urbana Park District	4
	Other issues, concerns or suggestions		6
	Additional comments		5
Non-Infrastructure Recommendation Votes	Education		26
	Encouragement		28
	Enforcement		29
	Evaluation		28

Building the Future... Together!

Desired Facility Types

Desired Facility Types	Total Segments Marked
Paved Trail (shared-use)	72
Bike Route	37
Bike Lanes	12
Share The Road	9
Shared Bike / Parking Lanes	2
Bike Boulevard	1
Total	135

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On-Road Facility Types

- Bike Lanes
 - Both sides of the road
 - Minimum width w/ curb: 5'
 - Stripe defines car/bike space
- Sharrows (shared lane markings)
 - Indicates proper bike position in shared lane
 - Can be used at intersections
 - Can be used on streets with or without parking

Bike Lanes on
Illinois Street



Sharrows on
Philo Road



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On-Road Facility Types

- Bike Routes
 - Shared roadways
 - Signs should include:
 - Destination
 - Distance
 - Direction
- Shared Bike/Parking Lanes
 - Low parking occupancy
 - Not exclusive “bike lanes,” but more like paved shoulder with Bike Route signage

Bike Route on Beslin Street



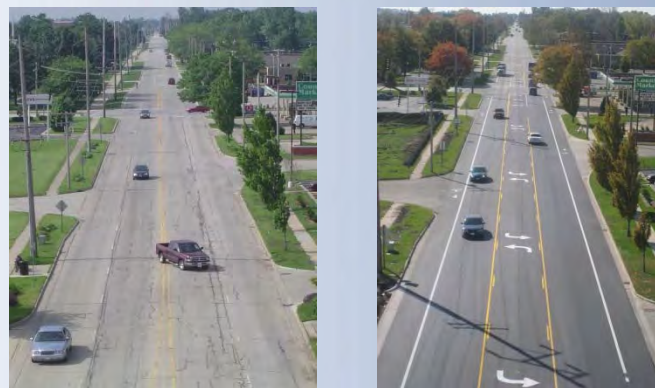
Shared Bike/Parking Lanes on Anderson Street

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On-Road Facility Types

- Road Diets
 - Restripe from 4-5 lanes to 3 lanes to accommodate bike lanes
- Bike Boulevards
 - Bike-priority streets
 - Discourages thru car travel
- Drainage Grates
- Stoplight Activation

Philo Road – Road Diet



Bike Push Button for Green Light
on Fairview Avenue at Lincoln Avenue

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End of Trip Facilities

- Bicycle Parking
 - Recommended:
 - Inverted U racks
 - Post and Loop
 - Many other types are acceptable
 - Covered
 - Corral
 - Lockers

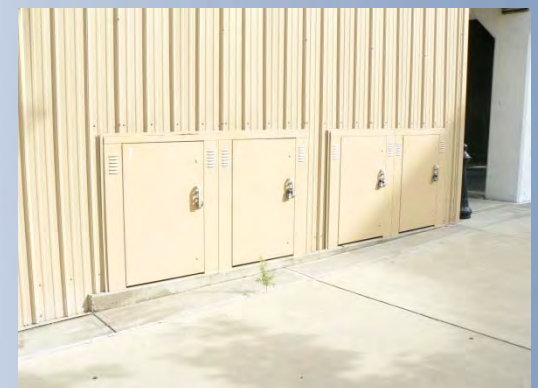
Inverted U racks at FAR (UIUC)



Post & Loop



Bike Corral at BIF (UIUC)



Bike Lockers at Illinois Terminal

Building the Future... Together!

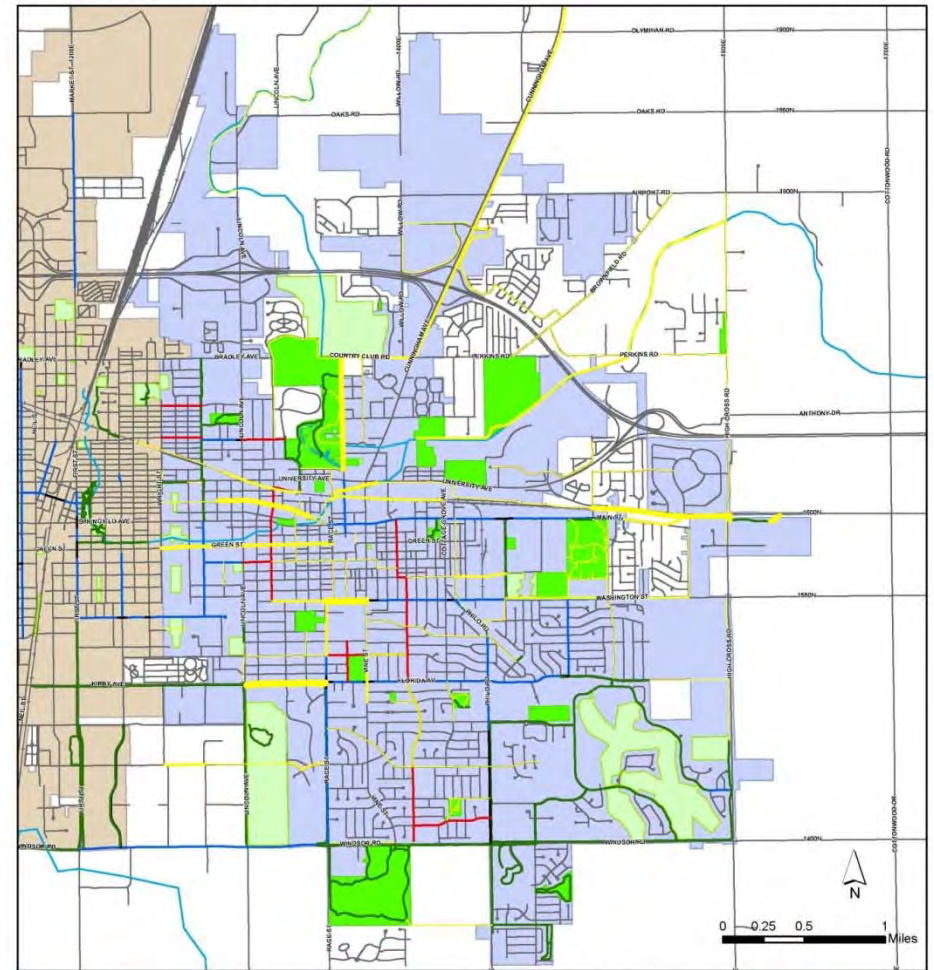
Most Desired Paths

Name	Total Votes
Florida Avenue South Sidepath (Lincoln-Race)	11
Washington Street Bike Route (Race-Vine)	9
Kickapoo Rail-Trail	8
Broadway Avenue West Sidepath (Country Club-Park)	7
Green Street (Wright-Race)	6
Boneyard Creek Path (Maple-Main)	5

PUBLIC REQUESTED ROUTES

By Number of Requests

Urbana Bicycle Master Plan
Public Workshop #2 Results
April 2014



Building the Future... Together!



Non-Infrastructure Recommendation Results

Education

<i>K-12 Bicycle Education Curriculum</i>	<i>– 7 Votes</i>
<i>Map Updates and Distribution</i>	<i>– 5 Votes</i>
<i>Driver's Education Curriculum</i>	<i>– 4 Votes</i>
<i>Share the Road Campaigns</i>	<i>– 4 Votes</i>
<i>Bicycle Ambassador Program</i>	<i>– 2 Votes</i>
<i>Bicycle Rodeos</i>	<i>– 2 Votes</i>
<i>Public Participation</i>	<i>– 2 Votes</i>
<i>Availability of Materials in Other Languages</i>	<i>– 1 Vote</i>
<i>Professional Development</i>	<i>– 1 Vote</i>
<i>Adult Bicycle Education</i>	<i>– 0 Votes</i>
<i>Law Enforcement Officer Training</i>	<i>– 0 Votes</i>

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Non-Infrastructure Recommendation Results



Encouragement

<i>Bike Route & Trail Signage</i>	– 8 Votes
<i>Open Streets initiative (car-free streets)</i>	– 6 Votes
<i>Support for Advocacy Organizations</i>	– 6 Votes
<i>Bicycle Friendliness Promotion</i>	– 5 Votes
<i>National Bike Month</i>	– 5 Votes



Enforcement

<i>Light the Night</i>	– 8 Votes
<i>Bicycle Diversion Program</i>	– 6 Votes
<i>Enforce Bicyclist Violations</i>	– 4 Votes
<i>Enforce Motorist Violations</i>	– 4 Votes
<i>Trail Safety & Security</i>	– 4 Votes
<i>Off-Campus Light the Night Event</i>	– 3 Votes

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Non-Infrastructure Recommendation Results



Evaluation

<i>Bicycle Counts</i>	– 7 Votes
<i>Annual Trail Survey</i>	– 5 Votes
<i>Bicycle Level of Service (BLOS)</i>	– 5 Votes
<i>Bicyclist Crash Studies</i>	– 5 Votes
<i>Pedestrian and Bicycle Survey (PABS)</i>	– 5 Votes
<i>Intersection Safety Index</i>	– 3 Votes

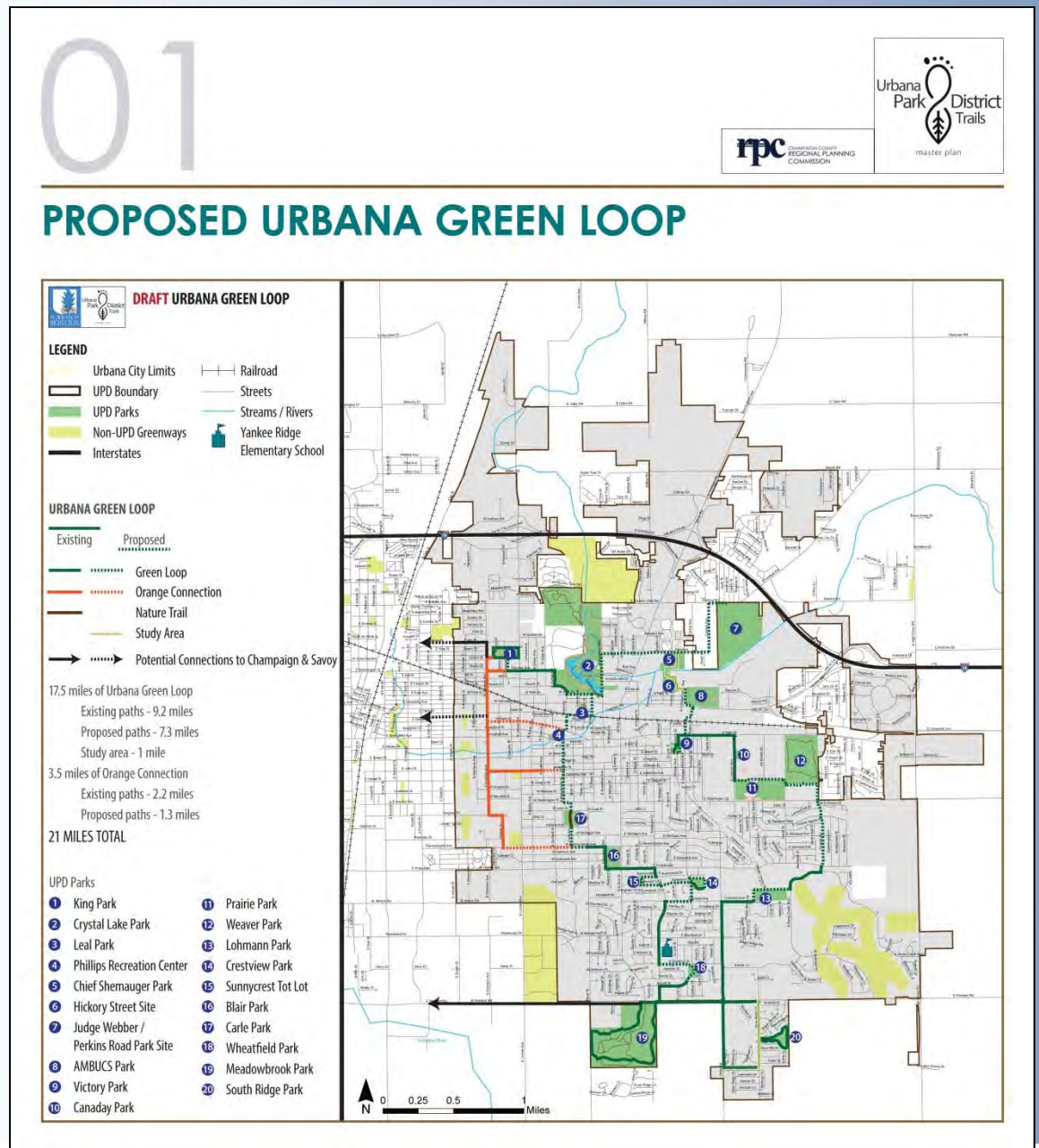
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Recommendations

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Urbana Green Loop

- Loop path consisting of trails and bikeways to connect all Urbana Park District parks
- Goal is to be family-friendly, and give bicyclists destinations to explore and get exercise



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Proposed Loop Trails

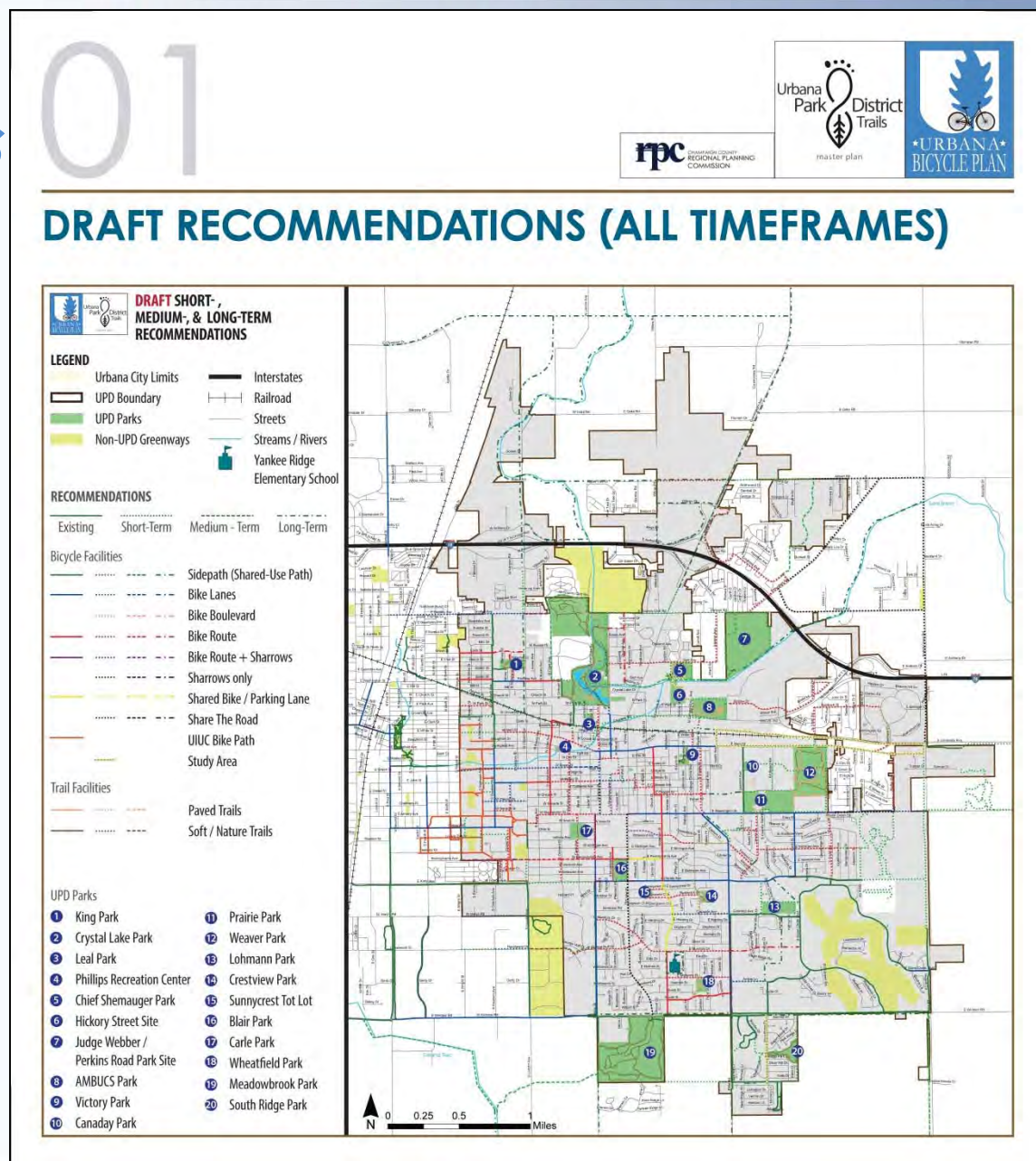
- AMBUCS Park
- Chief Shemauger Park
- Crestview Park
- Crystal Lake Park
- Prairie Park
- Weaver Park
- Wheatfield Park



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Recommendations

- Short-term (0-5 years)
- Medium-term (6-10 years)
- Long-term (10+ years)
- Aims to connect parks, neighborhoods, and other destinations
- Attempts to take advantage of development & redevelopment opportunities



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Next Steps

- Finalize draft document
- Plan adoption by Urbana Park District board

Website

www.cuuats.org/updtrails

Contact

Gabe Lewis
CCRPC Transportation Planner
glewis@ccrpc.org
217-328-3313

Rita Morocoima-Black
CCRPC Planning & Community
Development Director
rmorocoi@ccrpc.org
217-328-3313

Thanks!

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