



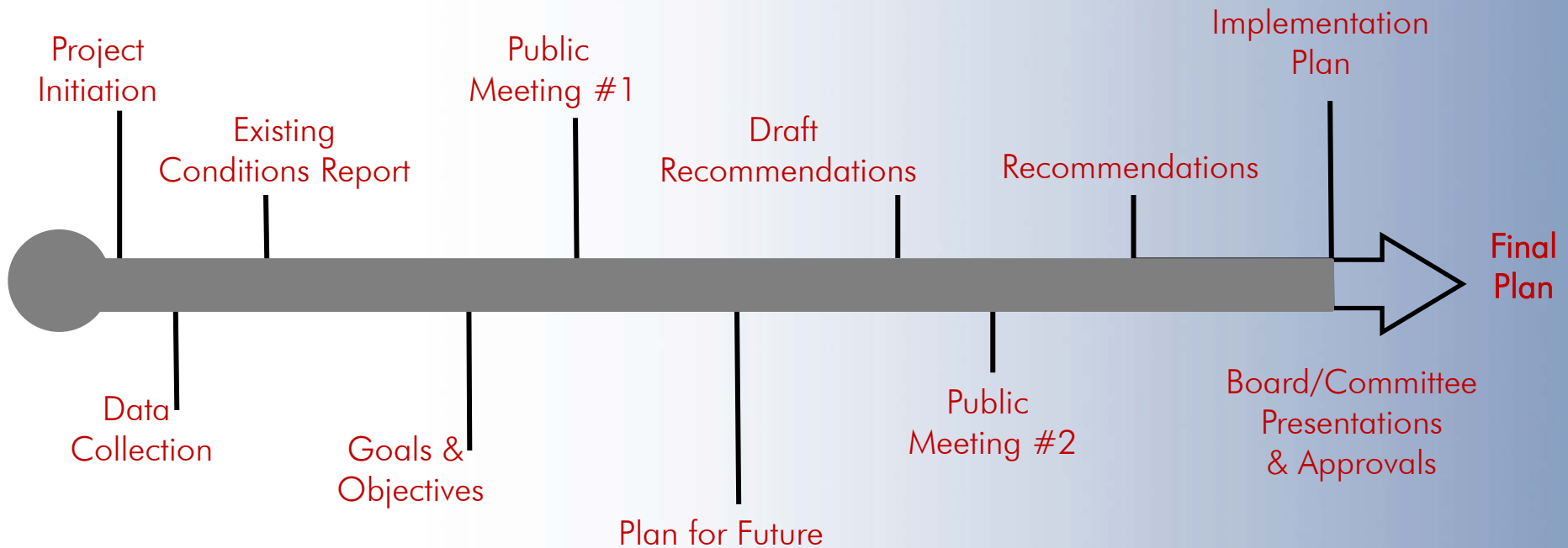
## Draft Plan – Public Comment Period

Wednesday, October 28, 2015



**Urbana** Park District





## Scope of Work

*Building the Future... Together!*

# Report Layout

Chapter 1: Introduction

Chapter 2: Existing Plans and Policies

Chapter 3: Existing Conditions Analysis

Chapter 4: Park Inventory and Trail Gap Analysis

Chapter 5: Creating A Vision

Chapter 6: Facility Types

Chapter 7: Community Outreach

Chapter 8: Recommendations

Chapter 9: Implementation



*Building the Future... Together!*

# *Chapter 1: Introduction*





# Introduction

- Urbana Park District
  - 24 parks/open spaces
  - 580 acres
  - 6 facilities
  - 100s of programs
- UPD Mission: “Improve the quality of life of Urbana’s citizens through a responsive, efficient and creative park and recreation system.”
- This mission, plus some of its key strategic objectives and moves, define the framework for UPD’s first comprehensive trails master plan.



**Urbana** Park District

# *Chapter 2: Existing Plans & Policies*



# Existing Plans & Policies

- State level documents: 2
- County level documents: 3
- Local level documents: 7
  - Added 2008 Crystal Lake Park Neighborhood Plan
- Contiguous planning area documents: 3
  - Includes Champaign Park District Trails Master Plan under development

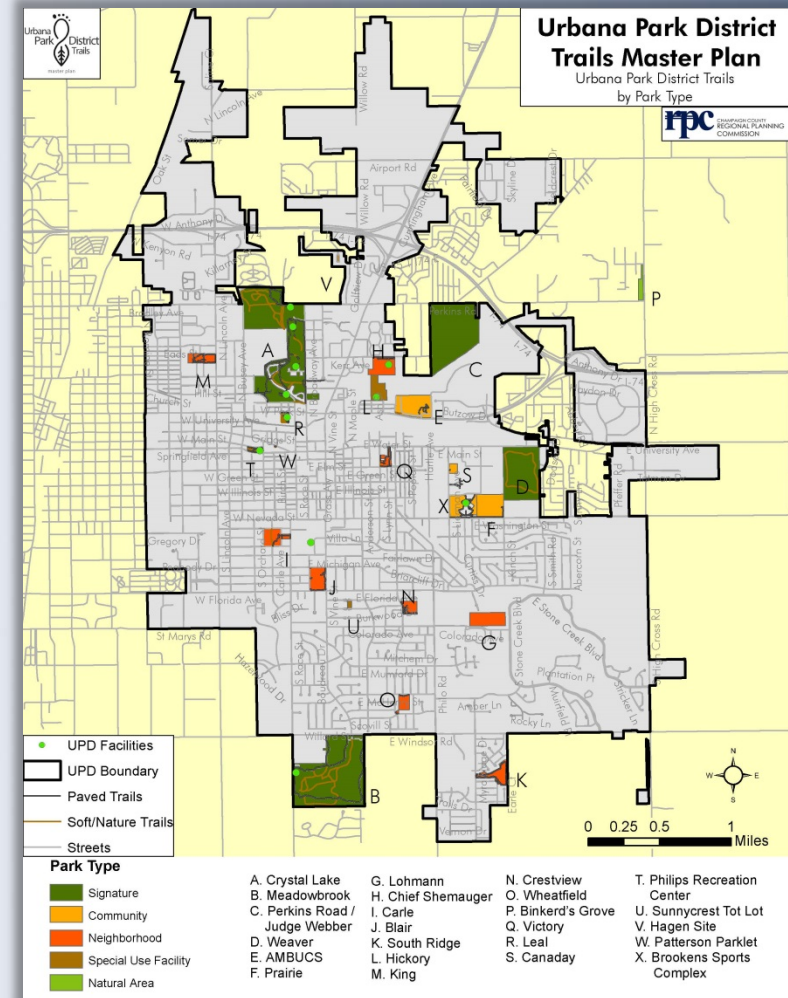


# ***Chapter 3: Existing Conditions Analysis***

# Existing Park Facilities

## Urbana Park Classification

- Signature (4)
  - 50+ acres
  - Defined natural areas + variety of park features
  - Service Area: Regional
- Community (4)
  - 20 – 50 acres
  - Intense recreation; services available (lighting, parking, restrooms, etc.)
  - Service Area: 2 mile radius
- Neighborhood (9)
  - 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!*



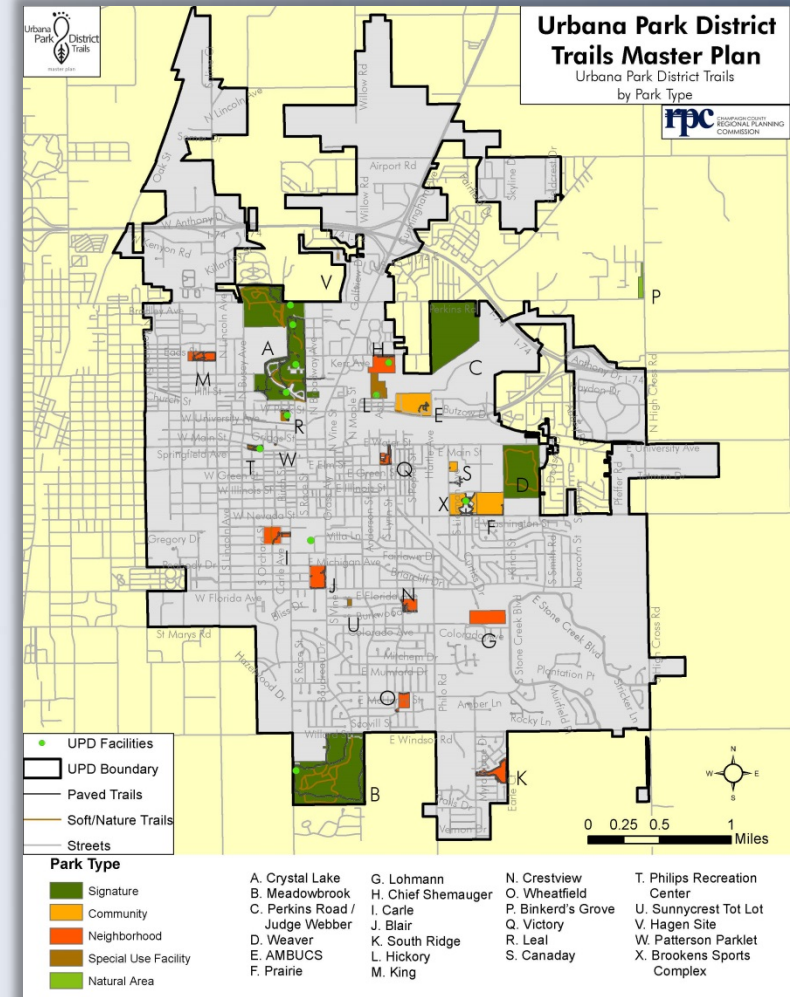
# Existing Park Facilities

## Urbana Park Classification

- Special Use Facilities (6)
  - <10 acres
  - Concentrated recreation activities
- Natural Areas (1)
  - High quality, undisturbed areas
  - Passive recreation

## Urbana Park Ownership

- 4 open spaces leased from UCSD:
  - AMBUCS
  - Hickory Street Site
  - Patterson Parklet
  - Perkins Road Site
- All other open spaces owned by UPD



Urbana Park District Park and Trail Classification

*Building the Future... Together!*

# Existing Trail Facilities

## Trail Inventory

- UPD maintains approx. **16 miles of trails** distributed among 18 parks
- **Paved Trails:** 11 miles within 18 parks
- **Soft Trails:** 5 miles within five parks

Park Name	Trail Type (miles)		
	Paved	Soft / Nature	Total
Crystal Lake	3.1	2.1	5.2
Meadowbrook	2.2	1.7	3.9
Brookens Sports Complex	1.2	0.0	1.2
Weaver	0.2	1.0	1.2
South Ridge	0.7	0.0	0.7
King	0.6	0.0	0.6
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
Victory	0.4	0.0	0.4
AMBUCS	0.3	0.04	0.34
Larson (formerly Wheatfield)	0.3	0.0	0.3
Leal	0.3	0.0	0.3
Prairie	0.3	0.0	0.3
Chief Shemauger	0.3	0.0	0.3
Patterson Parklet	0.02	0.0	0.02
Canaday	0.01	0.0	0.01
Perkins Road / Judge Webber	0.0	0.0	0.0
Lohmann	0.0	0.0	0.0
Hickory Street Site	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
<b>TOTAL</b>	<b>11.41</b>	<b>4.98</b>	<b>16.35</b>

# Existing Trail Facilities

## Trail Inventory

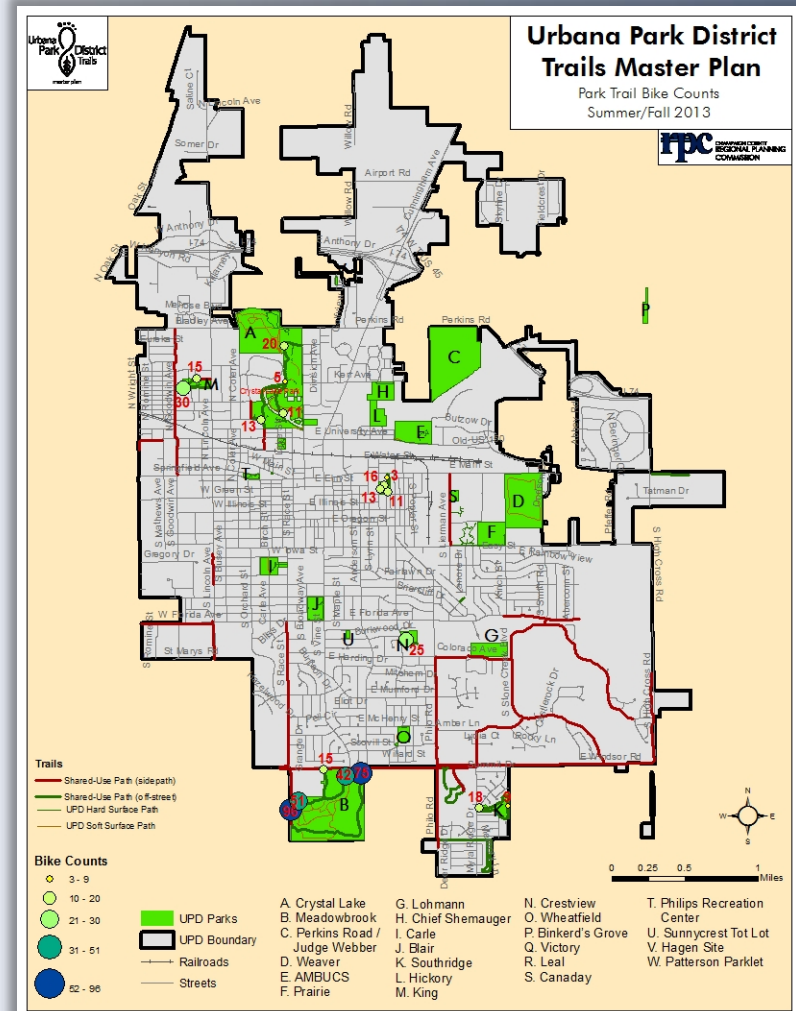
- UPD maintains approx. **16 miles of trails** distributed among 18 parks
- **Paved Trails:** 11 miles within 18 parks
- **Soft Trails:** 5 miles within five parks

Park Name	Trail Type (miles)		
	Paved	Soft / Nature	Total
Crystal Lake	3.1	2.1	5.2
Meadowbrook	2.2	1.7	3.9
Brookens Sports Complex	1.2	0.0	1.2
Weaver	0.2	1.0	1.2
South Ridge	0.7	0.0	0.7
King	0.6	0.0	0.6
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
Victory	0.4	0.0	0.4
AMBUCS	0.3	0.04	0.34
Larson (formerly Wheatfield)	0.3	0.0	0.3
Leal	0.3	0.0	0.3
Prairie	0.3	0.0	0.3
Chief Shemauger	0.3	0.0	0.3
Patterson Parklet	0.02	0.0	0.02
Canaday	0.01	0.0	0.01
Perkins Road / Judge Webber	0.0	0.0	0.0
Lohmann	0.0	0.0	0.0
Hickory Street Site	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
<b>TOTAL</b>	<b>11.41</b>	<b>4.98</b>	<b>16.35</b>

**Over 1/2 of all  
UPD-managed  
trails**

# Bicycle Ridership along Trail Facilities

- Bicycle Counts within UPD Parks
- 18 Locations



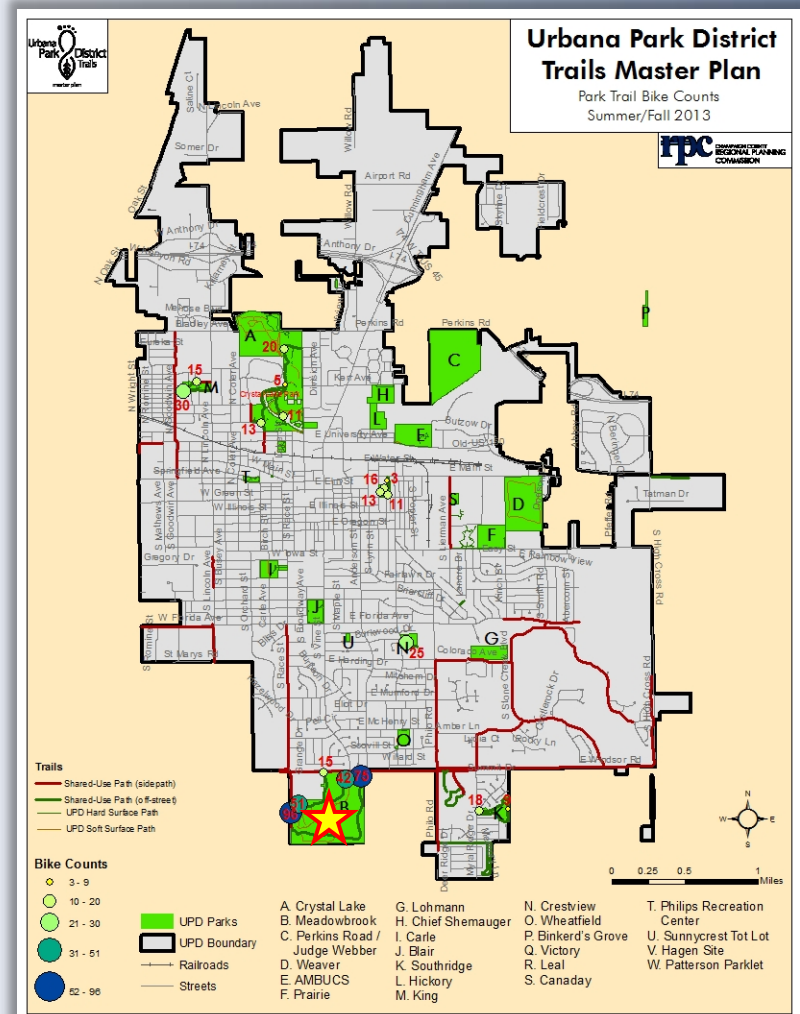
24-Hour Bike Counts within Urbana Park District Parks

*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



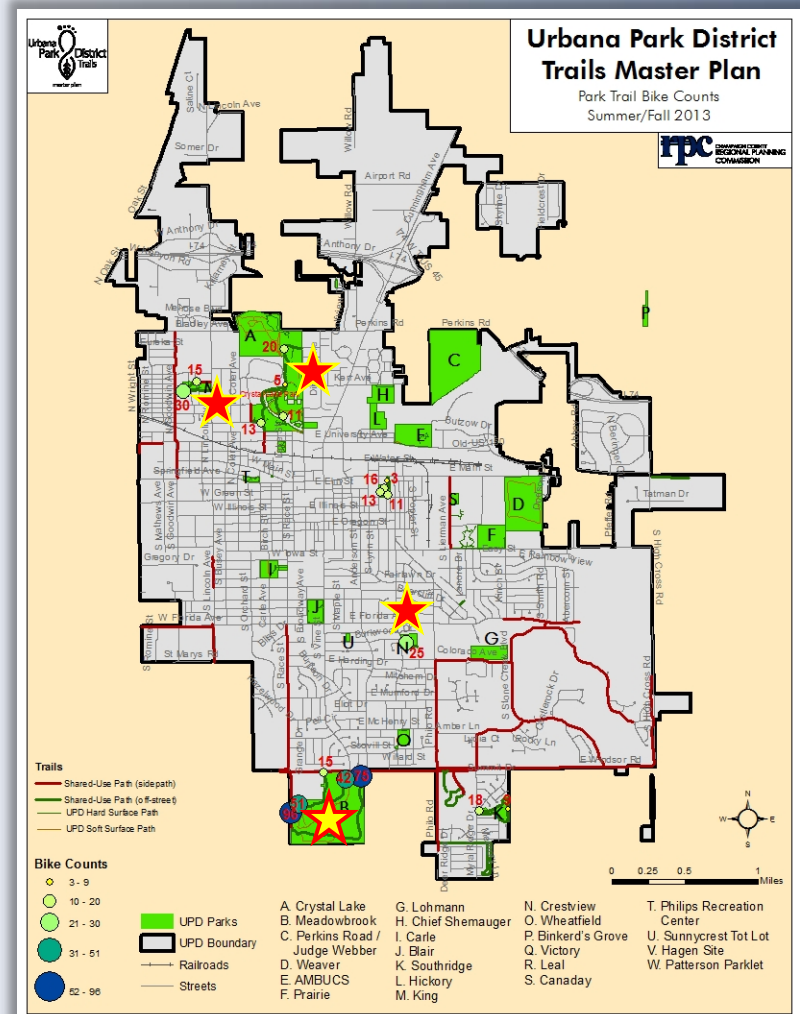
24-Hour Bike Counts within Urbana Park District Parks

*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
  - Crystal Lake, King, & Crestview parks second highest
    - 20 to 30 cyclists within 24 hours

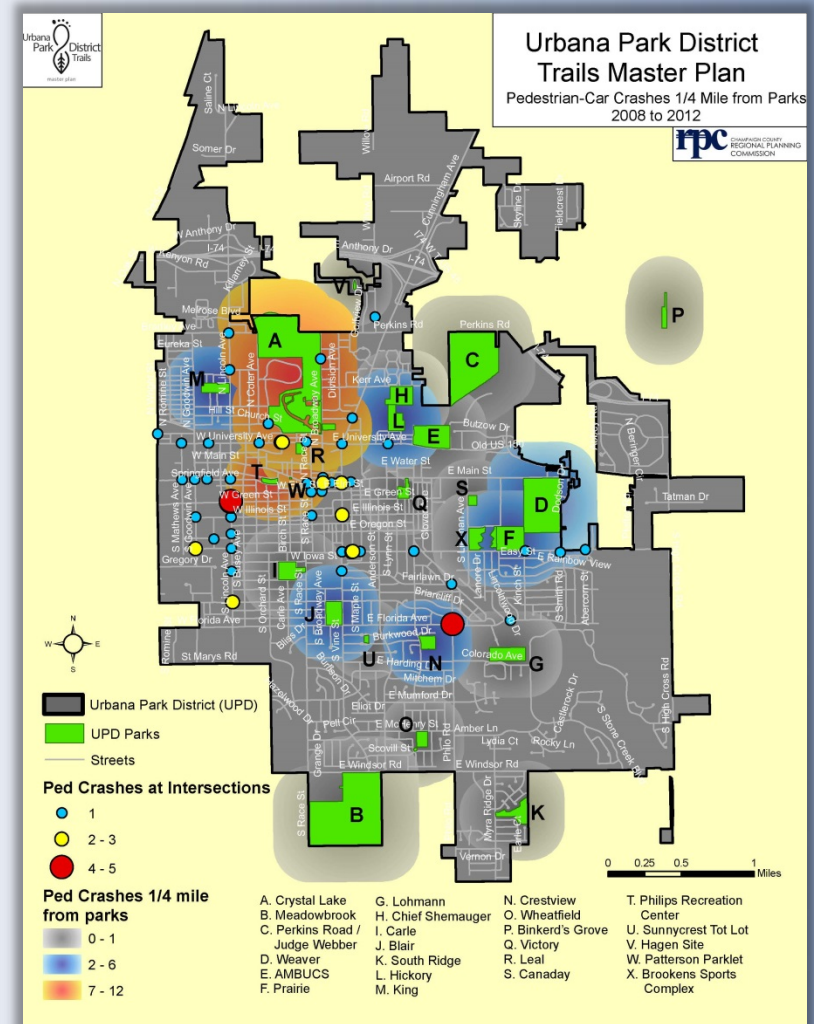


24-Hour Bike Counts within Urbana Park District Parks

*Building the Future... Together!*

# Safety: Pedestrian Crashes

- 101 Pedestrian-Car Crashes between 2008 and 2012

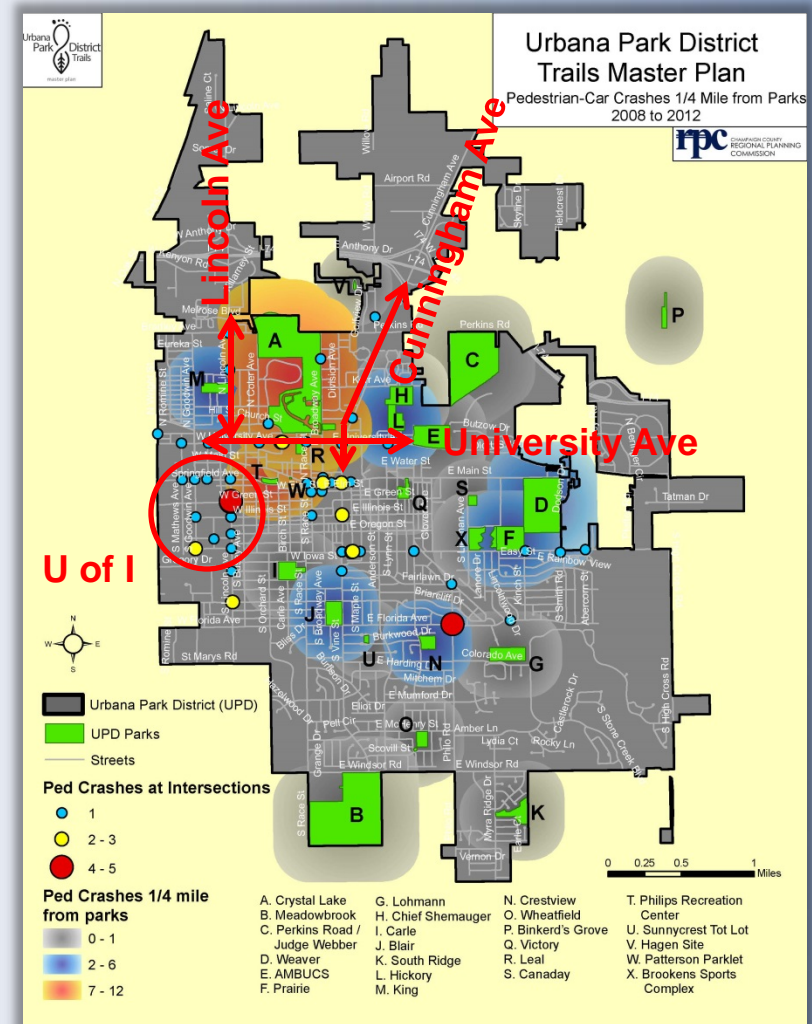


Pedestrian-Car Crashes within UPD Limits between 2008 and 2012

*Building the Future... Together!*

# Safety: Pedestrian Crashes

- 101 Pedestrian-Car Crashes between 2008 and 2012
- Major Crash Zones:
  - University of Illinois
  - Lincoln Avenue
  - Cunningham Avenue
  - University Avenue

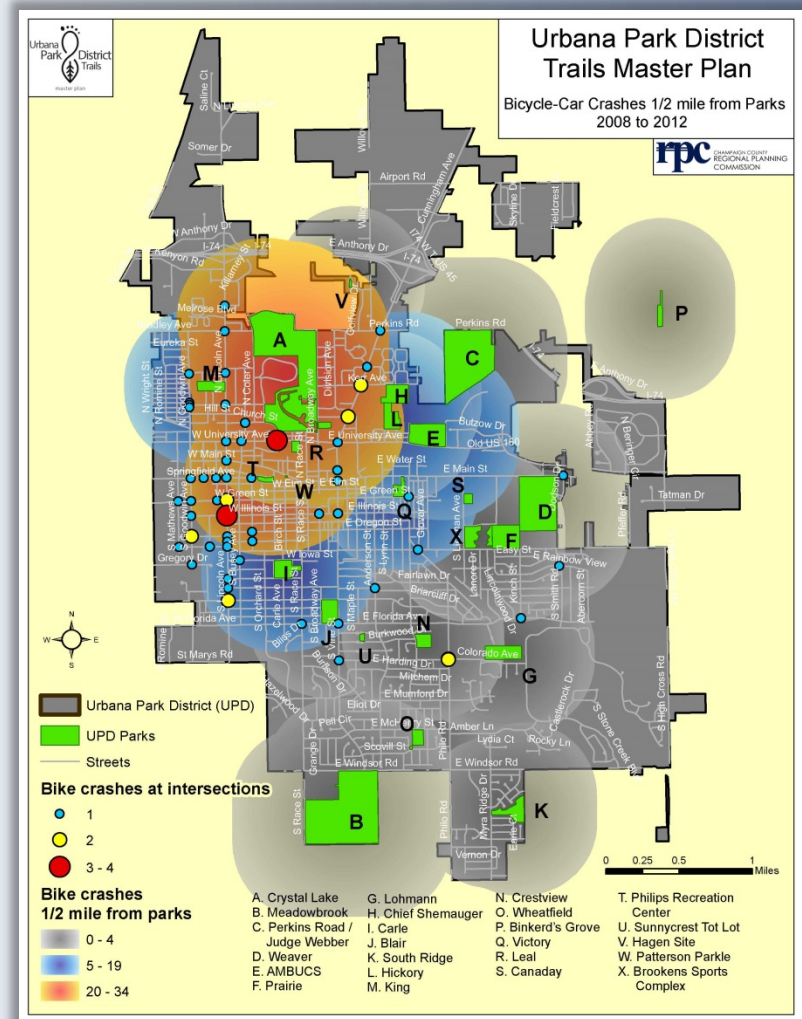


Pedestrian-Car Crashes within UPD Limits between 2008 and 2012

*Building the Future... Together!*

# Safety: Bicycle Crashes

- 85 Bicycle-Car Crashes between 2008 and 2012



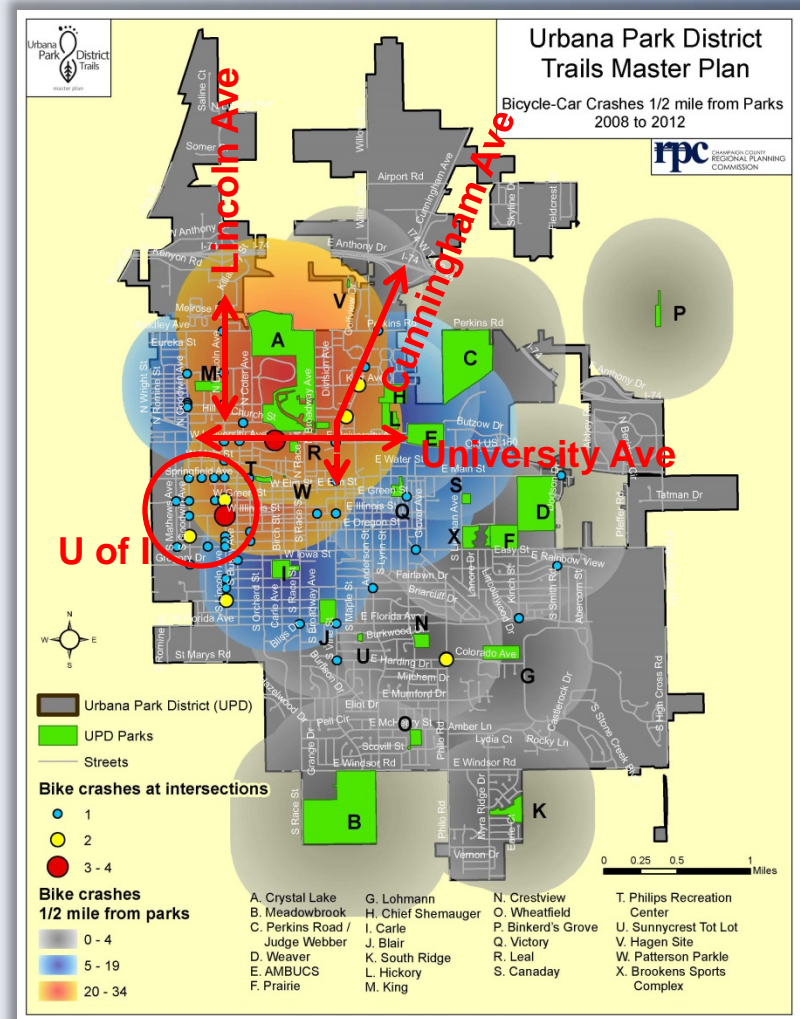
Bicycle-Car Crashes within UPD Limits between 2008 and 2012

*Building the Future... Together!*



# Safety: Bicycle Crashes

- 85 Bicycle-Car Crashes between 2008 and 2012
- Major Crash Zones:
  - University of Illinois
  - Lincoln Avenue
  - Cunningham Avenue
  - University Avenue



Bicycle-Car Crashes within UPD Limits between 2008 and 2012

*Building the Future... Together!*

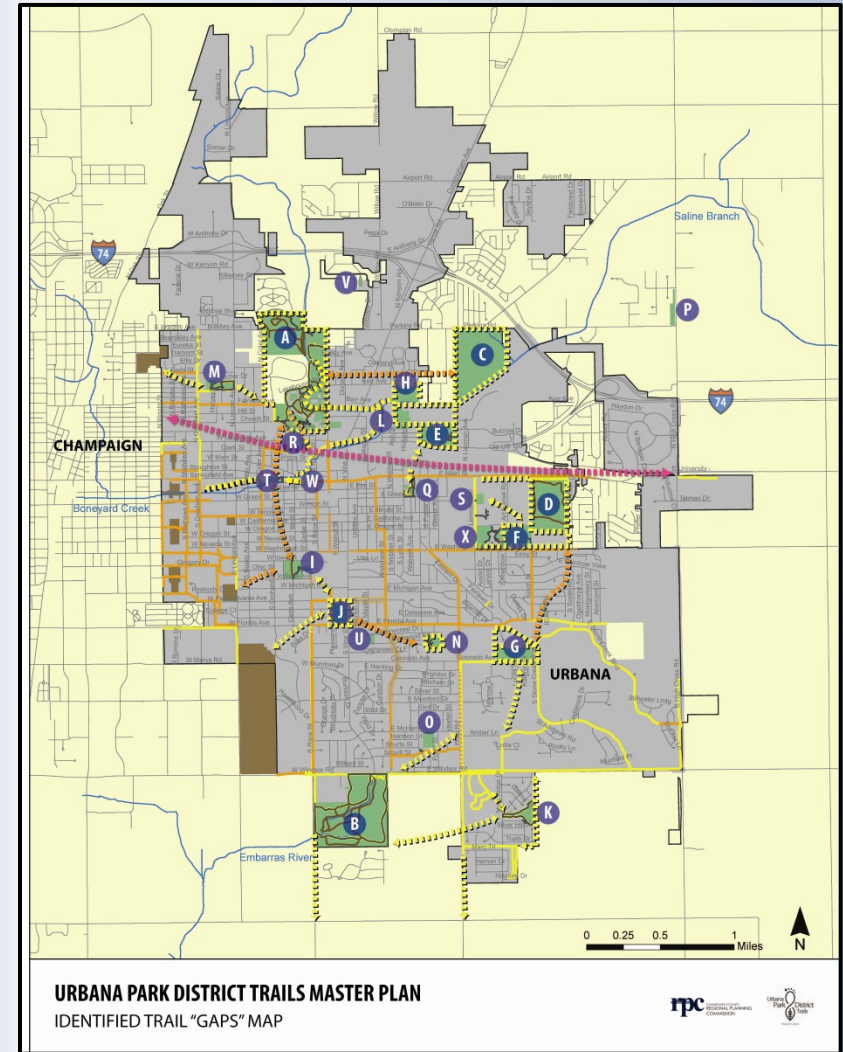


# ***Chapter 4: Park Inventory & Trail Gap Analysis***

# Trail “Gap” Analysis

Identified the following gaps between UPD Parks:

- Bikeway Gap
- Shared-Use Gap
- Rails-to-Trails Gap



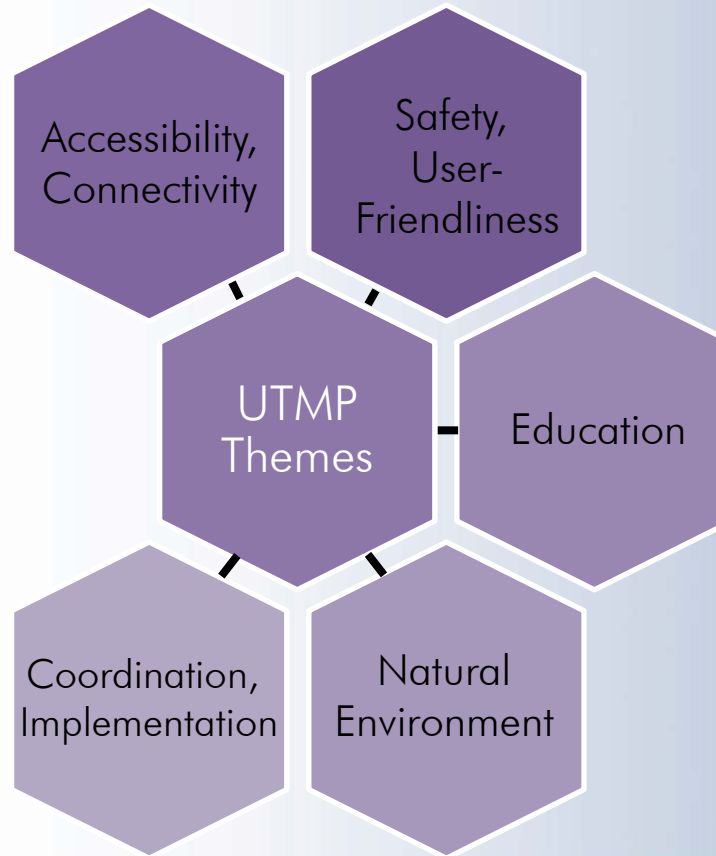
*Building the Future... Together!*

# ***Chapter 5: Creating a Vision (Goals & Objectives)***

# 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.

Goal 2: Develop a system of trails that is user-friendly by providing amenities that make parks accessible to all residents and visitors.

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

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

Goal 5: Coordinate the planning and implementation of all Urbana park trails system projects 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 that emphasizes rational and cost-effective measures.



# *Chapter 6:*

## *Facility Types*

# 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
  - Fitness Trail



Windsor Road Sidepath  
near Meadowbrook Park

Off-Street Trail  
through King Park



Carbondale, IL  
Fitness Trail

# Off-Street Facility Types

- Pedestrian Trails
  - Nature Trail
    - Runs through environmentally sensitive areas
    - Surfacing & width specifications are more flexible than shared-use paths
    - Not designed to be ADA accessible
  - Walking Trail
    - Similar to sidewalks in parks
    - 5-8' wide
    - Pedestrian traffic only, in small parks
- Bicyclist Trails
  - University Bike Paths
    - University of Illinois campus only
    - Moving away from bike only paths towards shared-use paths



Busey Woods Nature Trail



Walking Trail through King Park



Mathews Avenue Bike Path

# 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





# On-Road Facility Types

- Bike Routes
  - Shared roadways
  - Signs should include:
    - Destination
    - Distance &/or Time
    - 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

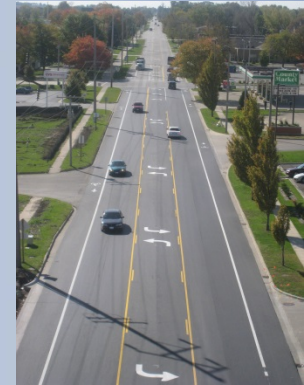


Shared Bike/Parking Lanes on Anderson Street

# 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

Philo Road – Road Diet



San Luis Obispo, CA Bike Boulevard



# Point Facility Types

- Refuge Island
- Bike-Activated Stoplight
- Bike Parking



Refuge Island across Windsor Road at Meadowbrook Park



Brookens Gym Bike Parking



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

*Building the Future... Together!*

# *Chapter 7: Community Outreach*



# ***Urbana PABS Results***

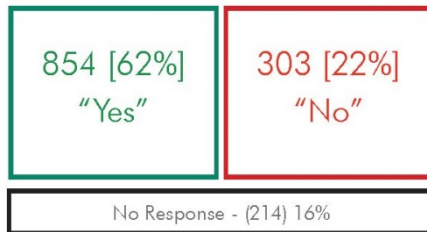
*PABS: Pedestrian And Bicycle Survey  
Summer 2013 – Spring 2014*



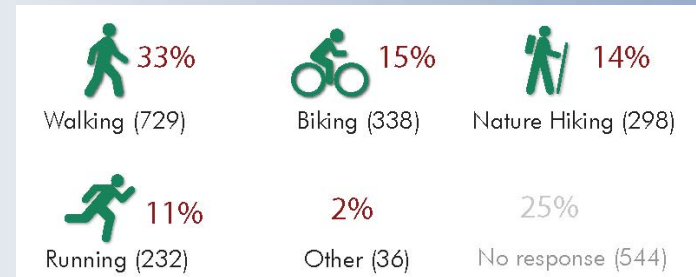
# Urbana PABS Results

## Survey Responses

Do you ever use park trails in Urbana?

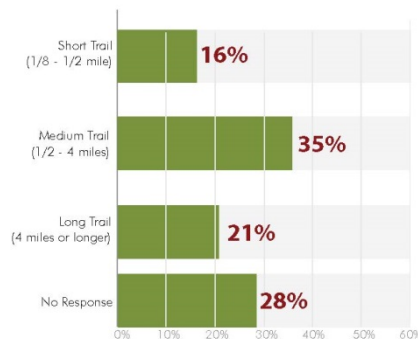


What do you use trails for in Urbana?

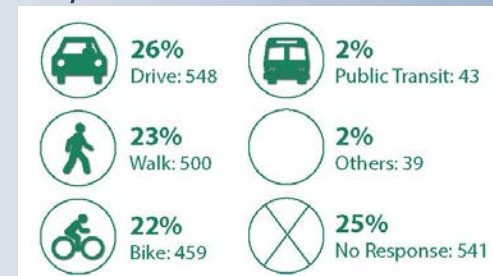


What type of trail do you prefer?

Responses	#	%
Paved Surface (e.g. concrete, asphalt)	333	24
Non-Paved Surface (e.g. mowed natural area, woodchip, gravel)	182	13
Paved AND Non-Paved Surface	309	23
No response	547	40
<b>Total</b>	<b>1,371</b>	<b>100</b>



How do you access Urbana park trails?



# ***Public Workshop Series #1 Results***

## *February 2014*

*Building the Future... Together!*



# Public Participation

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



*Building the Future... Together!*

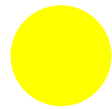
# UTMP Comments

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
<b>Total</b>	<b>30</b>	<b>21</b>	<b>15</b>	<b>22</b>	<b>6</b>



*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

## PEDESTRIAN DESTINATIONS VOTE COUNT

UPD Facilities 6%

Urbana Schools  
3%

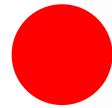
Shopping areas  
27%

Top employers  
21%

Parks 43%

*Building the Future... Together!*

# Public Meeting #1 - Results

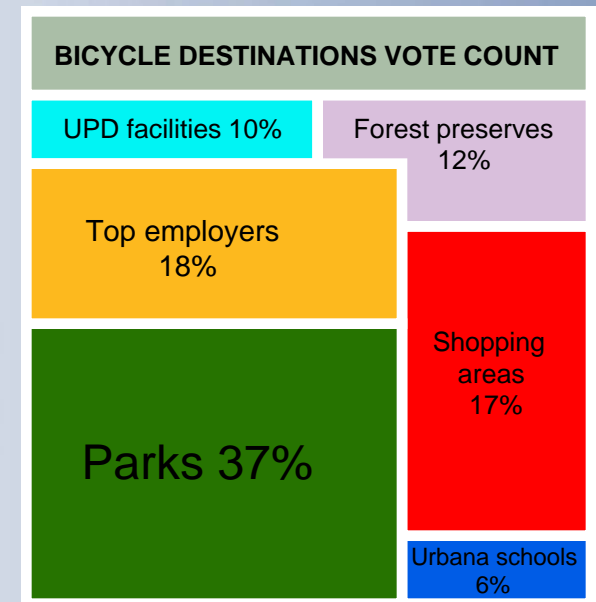


Origin – 30



Destination – 33

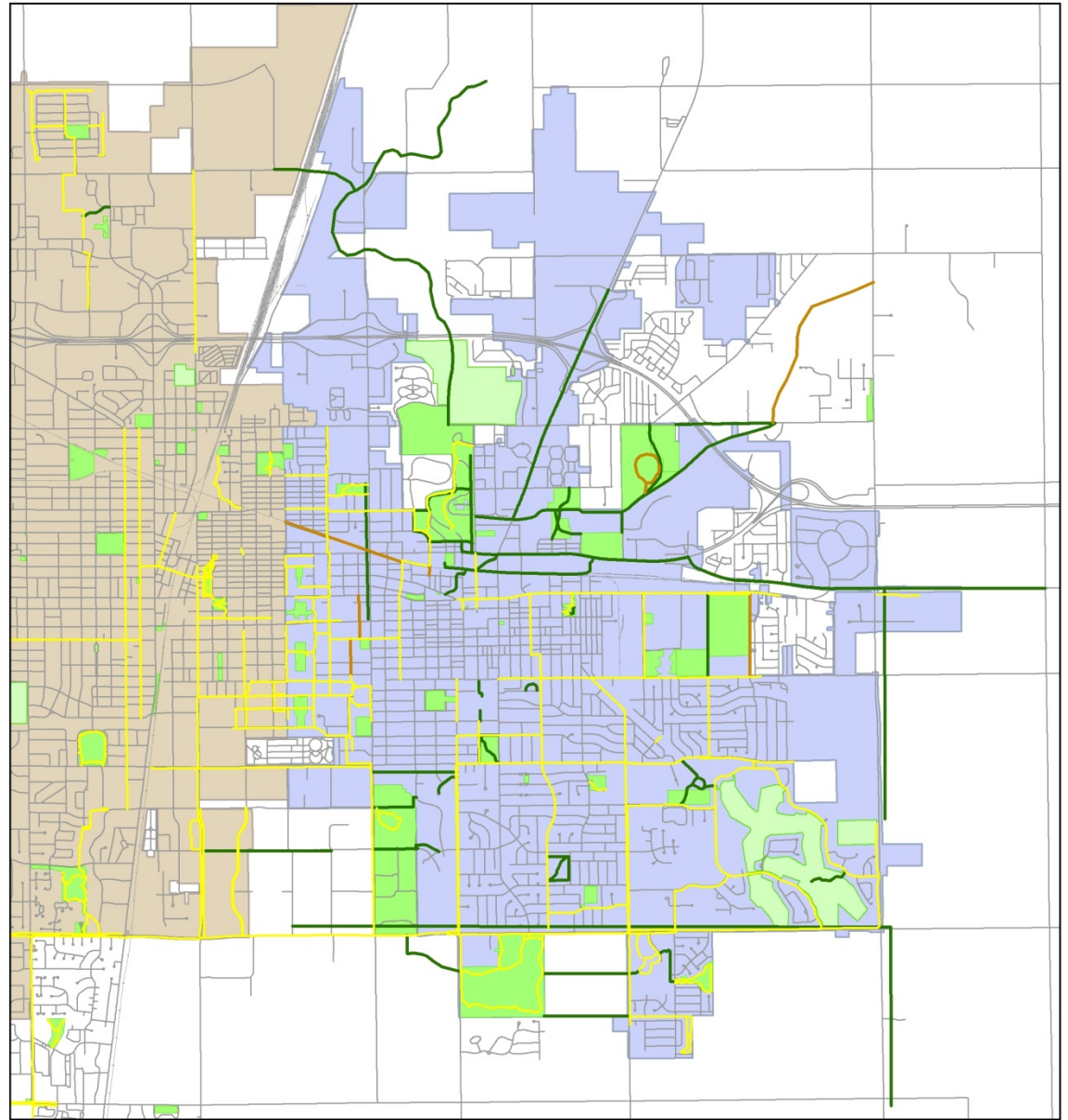
Top 5 Destinations	Vote Count
Meadowbrook Park	21
University of Illinois	12
Downtown	11
Market at the Square	10
Homer Lake Forest Preserve	10
Crystal Lake Park	9



*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

*Building the Future... Together!*

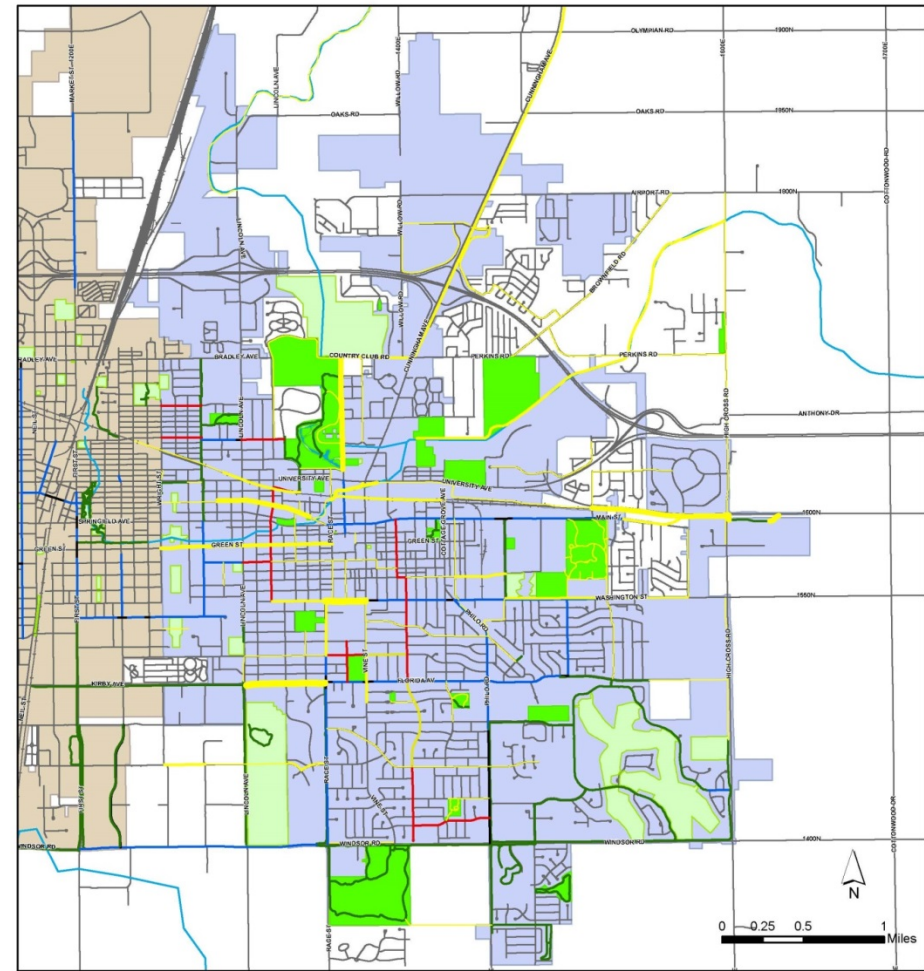
# Most Desired Paths

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!*



# ***Chapter 8:***

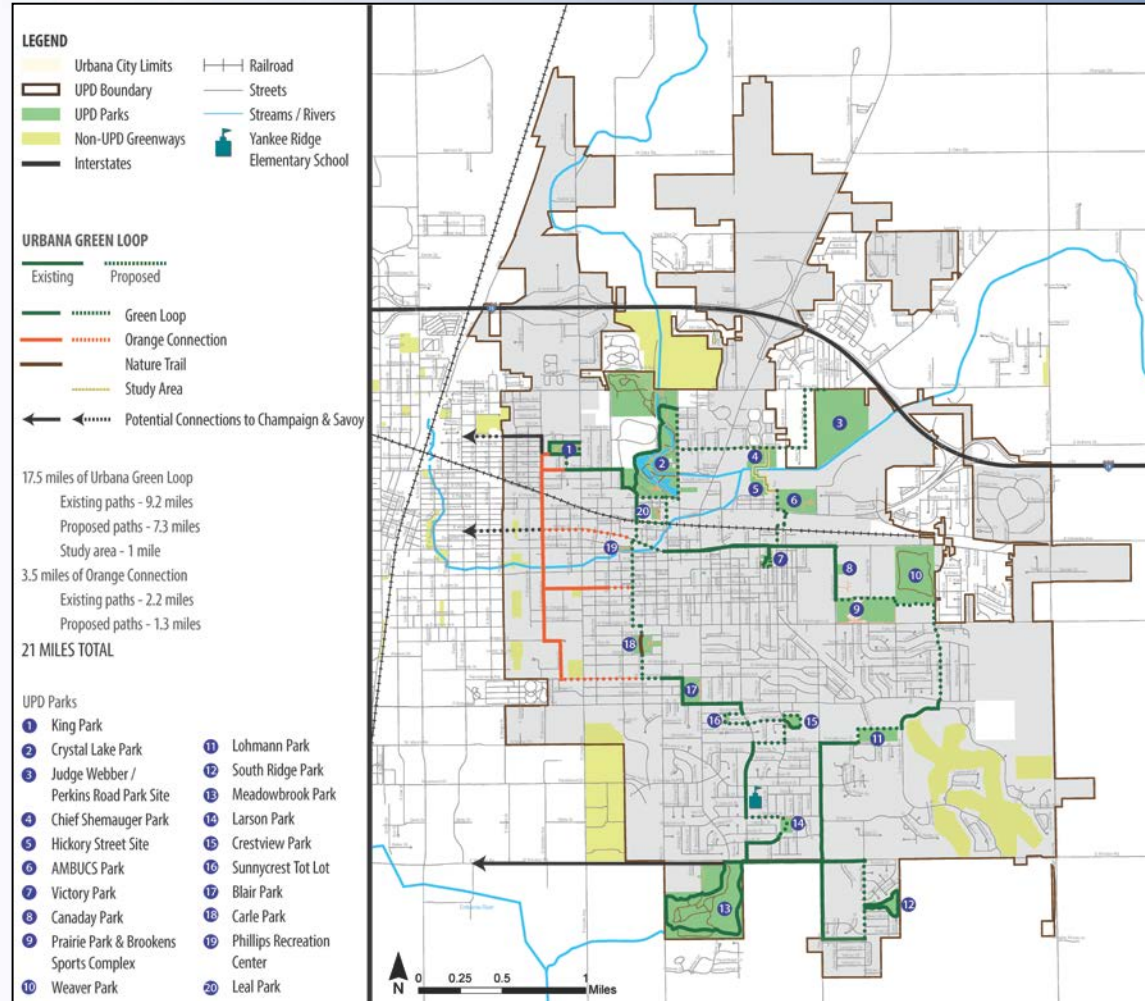
# ***Recommendations***





# Urbana Green Loop

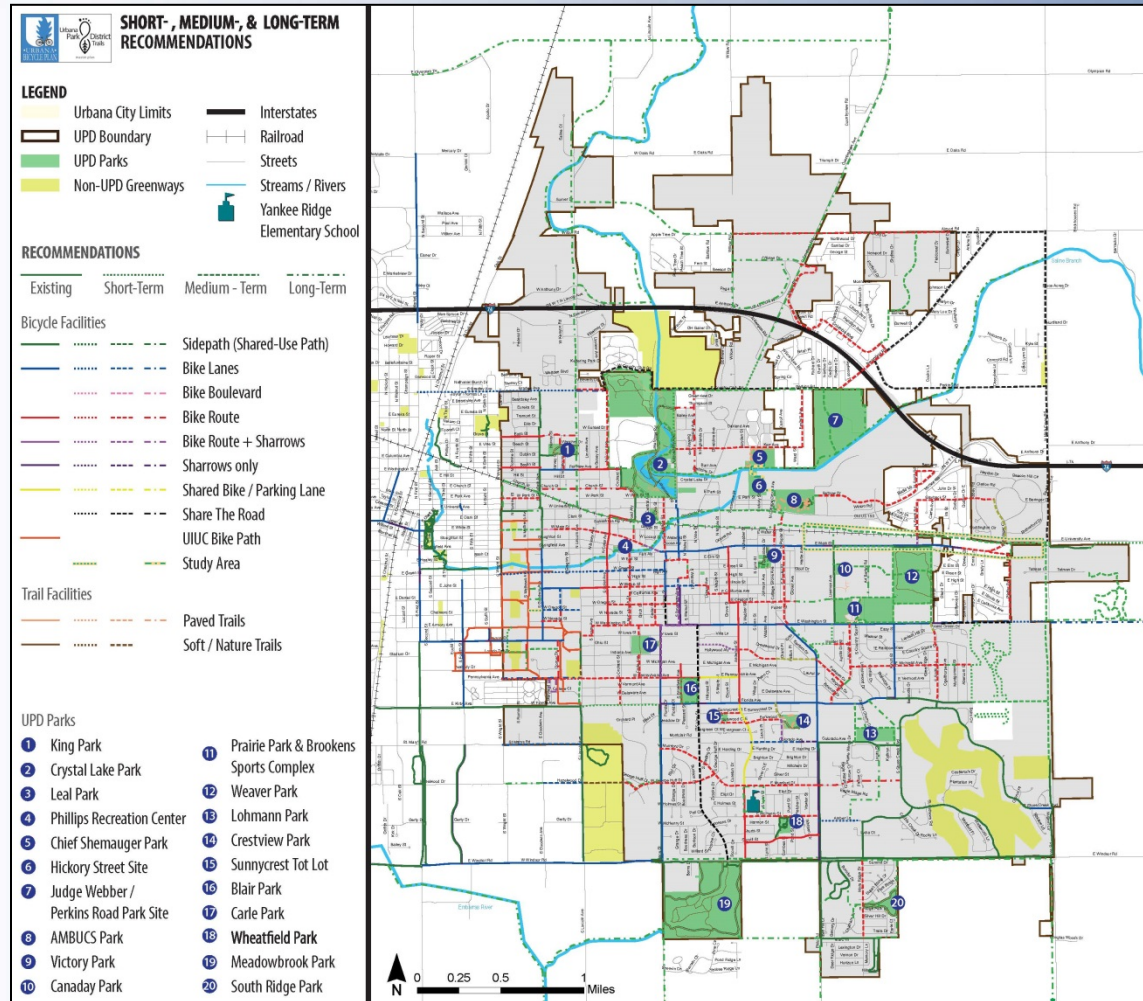
- Loop path consisting of trails and bikeways to connect all Urbana Park District parks
- Goal is to be family-friendly, and give bicyclists destinations to explore and get exercise



*Building the Future... Together!*

# Recommendations

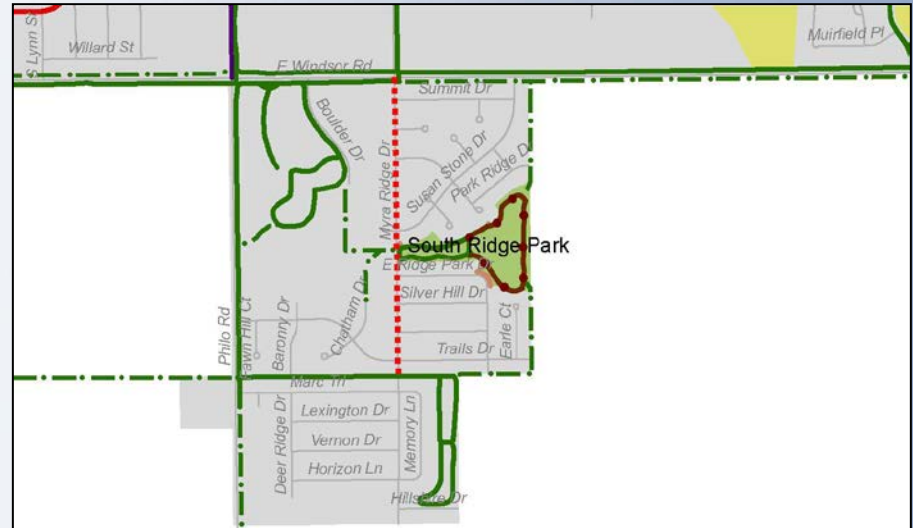
- Short-term (0-5 years)
- Medium-term (6-10 years)
- Long-term (10+ years)
- Aims to connect parks, neighborhoods, and other destinations
- Attempts to take advantage of development & redevelopment opportunities



*Building the Future... Together!*

# Existing Trail Improvements

- South Ridge Park
  - West half: widen & resurface existing shared-use trail
  - East half: convert to nature trail





# Proposed Loop Trails

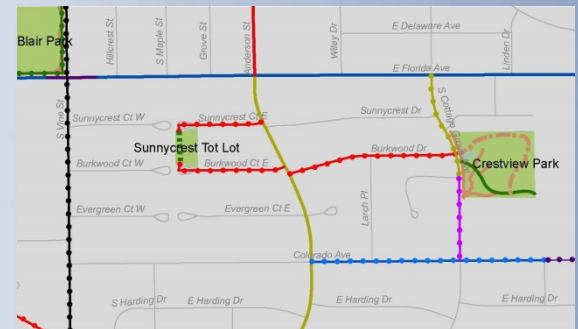
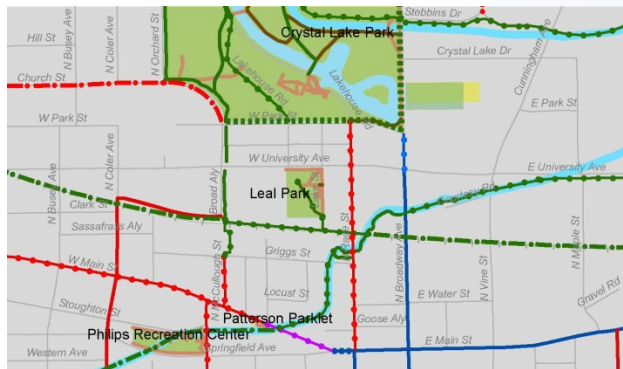
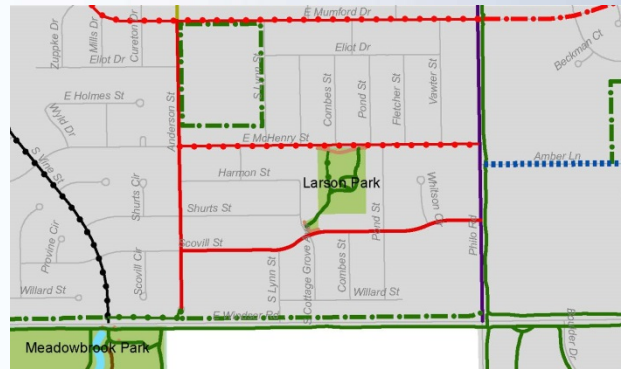
- AMBUCS Park (2 loops)
- Blair Park
- Chief Shemauger Park (2 loops)
- Crestview Park
- Crystal Lake Park (3 loops)
- King Park (partially complete)
- Lohmann Park
- Prairie Park
- Perkins Road Park Site
- Victory Park
- Weaver Park



*Building the Future... Together!*

# Proposed Linear Trails within Parks

- Larson Park (1 of 2 segments complete)
- Leal Park
- Sunnycrest Tot Lot

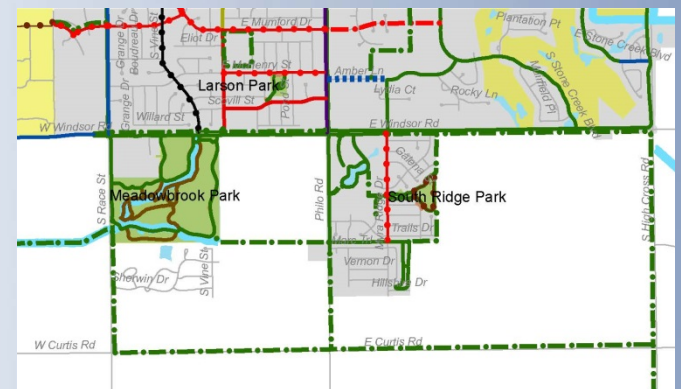
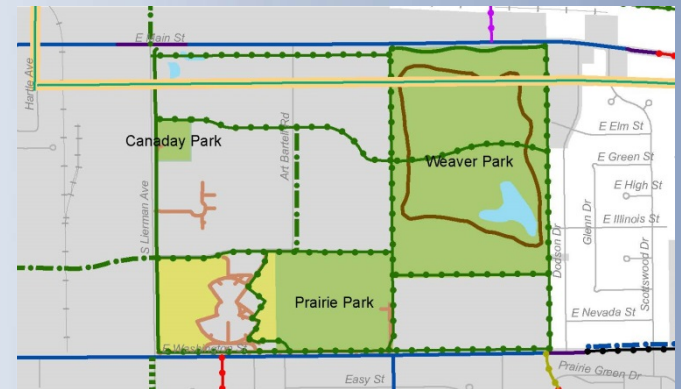
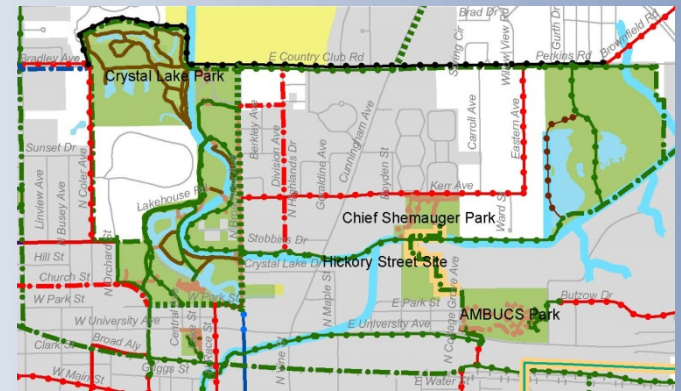


*Building the Future... Together!*



# Proposed Loop Trails between Parks

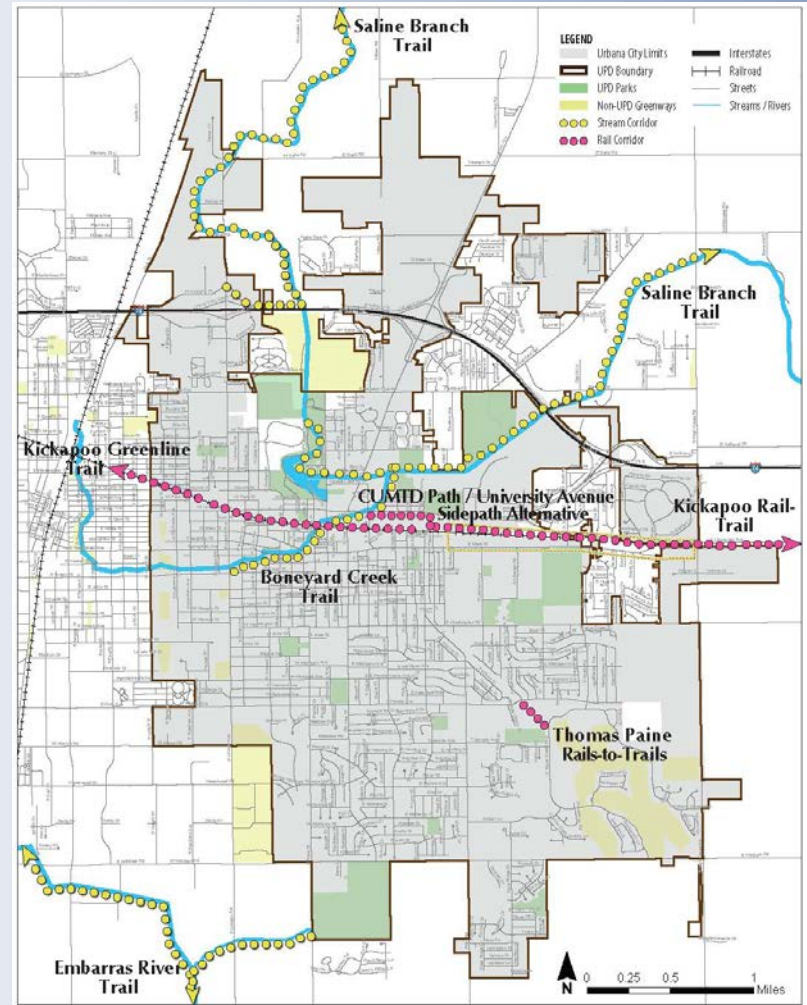
- North Urbana Parks Loop Trail
  - AMBUCS Park
  - Chief Shemauger Park
  - Crystal Lake Park
  - Perkins Road Park Site
- East Urbana Parks Loop Trail
  - Brookens Sports Complex
  - Canaday Park
  - Prairie Park
  - Weaver Park
- South Urbana Parks Loops Trail
  - Meadowbrook Park
  - South Ridge Park



*Building the Future... Together!*

# Corridor Trails

- Rail Corridors
  - Kickapoo Rail-Trail (KRT)
    - High Cross Road to Kickapoo State Park
    - Study Area in East Urbana
    - Kickapoo Greenline Trail through Urbana-Champaign
  - Thomas Paine Rail-to-Trail
- Stream Corridors
  - Saline Branch Trail
  - Embarras River Trail



# Fitness Trails

- Priorities:
  - Crystal Lake Park = High Priority
  - Weaver Park = Medium Priority
- Elements
  - Trail Layout Map
  - Signage
  - Exercise Stations
  - Fitness Equipment
  - Other Facilities
  - Promotion
  - Implementation
  - Maintenance

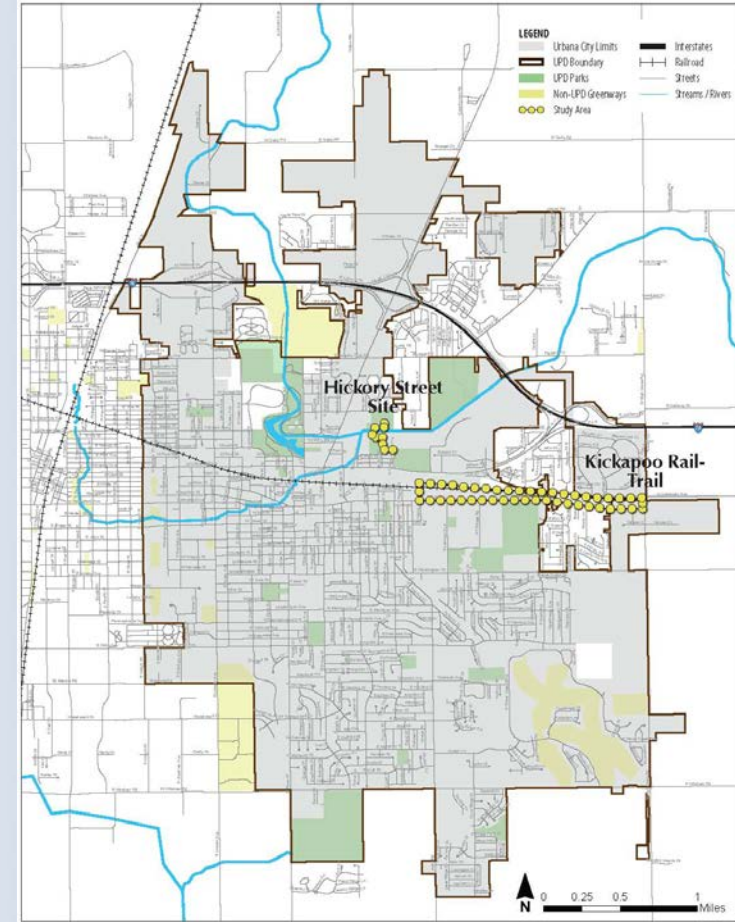


Rendering of fitness trail in Crystal Lake Park along Park Street



# Study Areas

- Trail Connection over Saline Branch
  - Between Chief Shemauger & AMBUCS Parks
  - Through Hickory Street Site – this is currently not open to the public, as storage facilities are located here
- Kickapoo Rail Trail (KRT) Connection in East Urbana
  - Work with City of Urbana to determine alignment from High Cross Road to Weaver Park and Downtown Urbana



# Non-Infrastructure Recommendations (+Votes)



## 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>



# Non-Infrastructure Recommendations (+ Votes)



## Encouragement

- Bike Route & Trail Signage* – 8 Votes
- Open Streets initiative (car-free streets)* – 6 Votes
- Support for Advocacy Organizations* – 6 Votes
- Bicycle Friendliness Promotion* – 5 Votes
- National Bike Month* – 5 Votes
- Trail Dedication Events & Rides* – NEW since PW2



## Enforcement

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

# Non-Infrastructure Recommendations (+ Votes)



## Evaluation

*Trail Counts*

– 7 Votes

*Annual Trail Survey*

– 5 Votes

*Bicycle Level of Service (BLOS)*

– 5 Votes

*Pedestrian & Bicyclist Crash Studies*

– 5 Votes

*Pedestrian and Bicycle Survey (PABS)*

– 5 Votes

*Intersection Safety Index*

– 3 Votes

*Economic Impact of Trails*

– NEW since PW2

*Annual Performance Measure Assessment*

– NEW since PW2

*Trails Plan Updates*

– NEW since PW2

# ***Chapter 9: Implementation***



# High Priority Infrastructure Recommendations

## Urbana Park District Trails Master Plan (UTMP) High Priority Infrastructure Recommendations

- 1) Crystal Lake Park Trail Improvements
  - a) *Widen Broadway Avenue sidewalk*
  - b) *Construct sidepath on Park Street*
  - c) *Install fitness trail*
- 2) AMBUCS Park Small Loop Trail
- 3) Urbana Park District Capital Improvement Plan (CIP) funding  
*Dedicate 5% of UPD CIP funding annually to trail construction and maintenance*
- 4) Kickapoo Rail Trail
  - a) *Continue to support construction of the trail from Urbana to points east and west*
  - b) *Work with the City of Urbana to determine the best trail alignment into East Urbana, potentially using Weaver Park as a trailhead*
- 5) Urbana Green Loop Trail  
*Work with the City of Urbana and other agencies to install missing loop segments*

# Infrastructure Recommendation Timeframes

- Short-Term (0-5 Years): 6 projects
  - Planned projects OR
  - Projects within UPD trail development budget OR
  - High priority projects
- Study Areas: 2 projects
  - Kickapoo Rail-Trail: work with City & CCFPD
  - Across Saline Branch: should be analyzed upon project development
- Medium-Term (6-10 Years): 29 project candidates
  - Pool of projects to be developed upon planned park upgrades, park master plan implementation, adjacent city street improvements, and/or for grant applications
  - Plan and recommendations need to be re-evaluated by 2020
- Long-Term (11+ Years): 18 project candidates
  - Pool of projects to be developed using same strategies as Medium-Term projects, but are large in scale and/or long-term projects



# Funding Sources

- UPD should dedicate 5% of its annual Capital Improvement Plan (CIP) funding to **trails**.
  - Construction
  - Acquisition
  - Widening
  - Rehabilitation
  - Sign Installation
  - Amenity Installation (e.g. lights, benches, bike racks, etc.)
- UPD should work with these entities to secure funding for trail projects:
  - Champaign County Greenways & Trails member agencies
  - Public health entities & funding sources
  - Trails for Illinois / Illinois Trail Corps
  - State departments: IDNR, IDOT
- List of funding sources:
  - Source type: public, private, non-profit
  - All 5 E's

# Next Steps

- 30 Day Public Comment Period
  - Wed. 10/28/15 – Thu. 11/26/15
  - Website: [cuuats.org/updtrails/documents](http://cuuats.org/updtrails/documents)
  - Paper copies: UPD office, CCRPC office, Urbana Free Library
  - Incorporate all comments into document at this time
- Urbana Park District Board
  - Tue. 12/1/15 Study Session Presentation
  - Seek plan adoption

# Website

[www.cuuats.org/updtrails](http://www.cuuats.org/updtrails)

## Contact

Gabe Lewis

CCRPC Transportation Planner

[glewis@ccrpc.org](mailto:glewis@ccrpc.org)

217-328-3313

Rita Morocoima-Black

CCRPC Planning & Community  
Development Director

[rmorocoi@ccrpc.org](mailto:rmorocoi@ccrpc.org)

217-328-3313

# Thanks!

*Building the Future... Together!*