Opportunities for Open Space Access & Connections on S. La Brea Ave.

Michele Montano

Project manager / Landscape Designer - North East Trees

Opportunities for Open Space Access & Pedestrian/Bike Connections Along the S. La Brea Ave. Corridor

Analyzing Data

- Project Introduction
- Program / Framework
- GIS Analysis
- Outreach Analysis
- Layering the Data
- Results

BALDWIN HILLS PARK LANDS

North East Trees
Bringing Nature Back

CALIFORNIA natural resources AGENCY

La Brea Corridor Planning Study

Project Introduction

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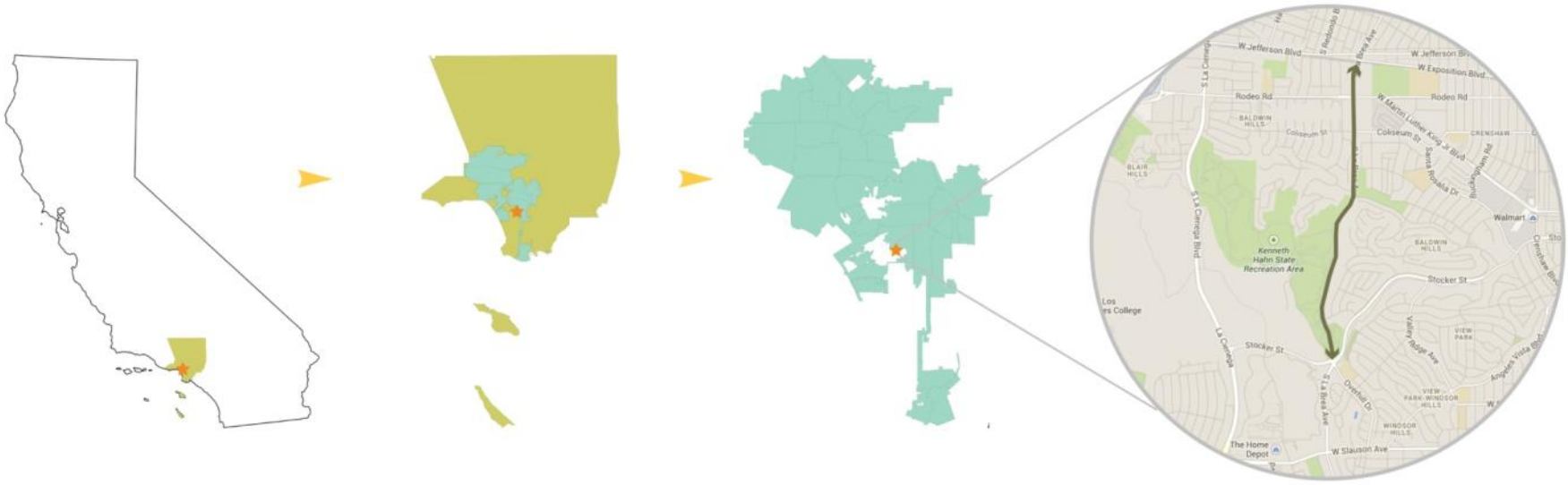
Project Location



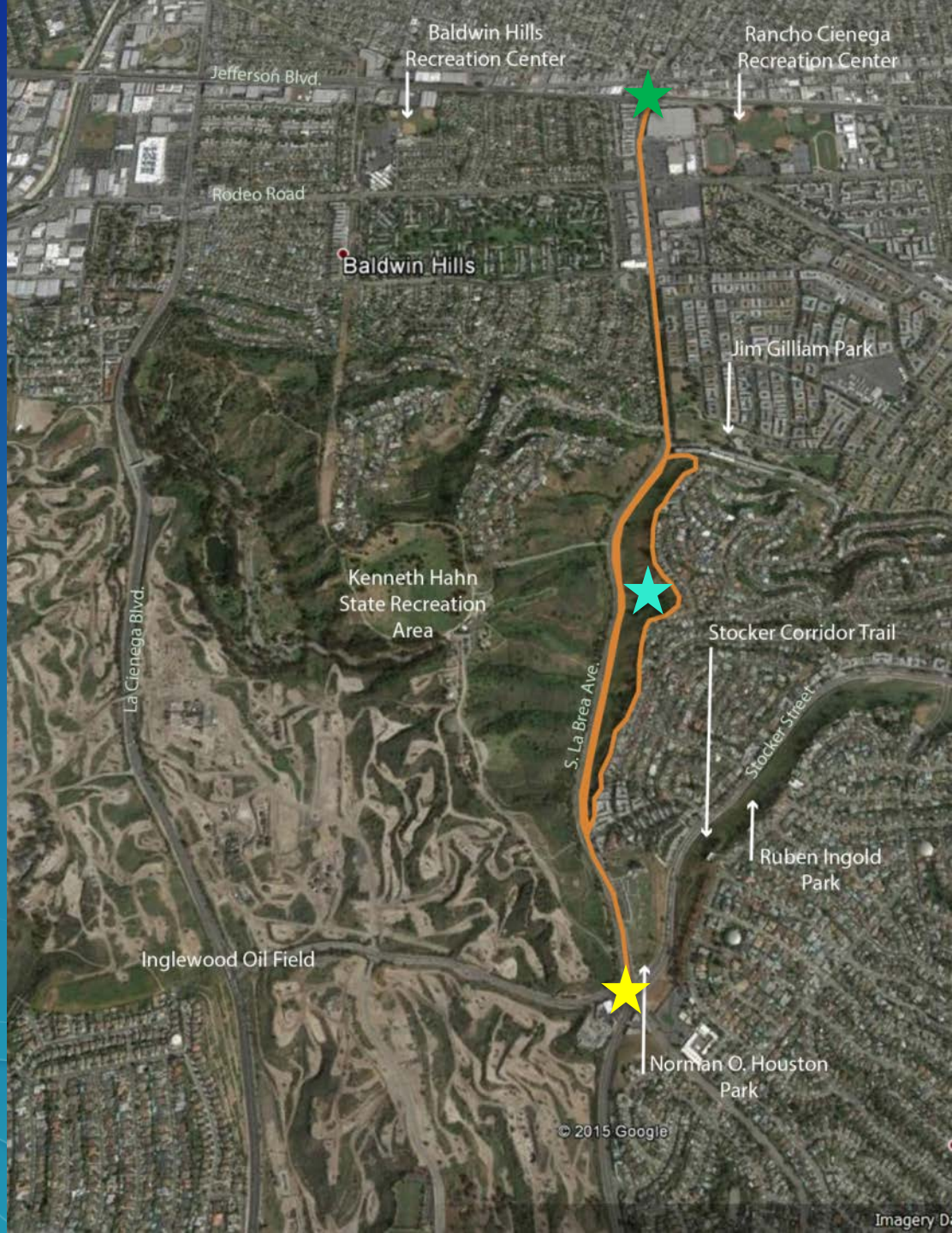
California ***Los Angeles County*** ***City of Los Angeles***

La Brea Corridor Planning Study

Project Location

Study area (in orange) is a 2 mile stretch of S. La Brea Ave. between Exposition Blvd. and “5 Points” (Stocker St. + S. La Brea Ave. + Overhill Dr.)

The study focused on the corridor between Jim Gilliam Park and Don Lorenzo Dr. on the eastern hillside of S. La Brea Ave.



La Brea Corridor Planning Study

Goal & Objectives

Goal:

The La Brea Corridor Planning Study's goal was to explore the development of a regional trail along the S. La Brea Ave. corridor that provides park to park access, promotes neighborhood connections to open space, and links to existing and planned trail networks while restoring native habitat.

Objectives:

Access & Connections

- Equity in access to open space
- Neighborhood connections
- Park-to-park connections

Outreach Program

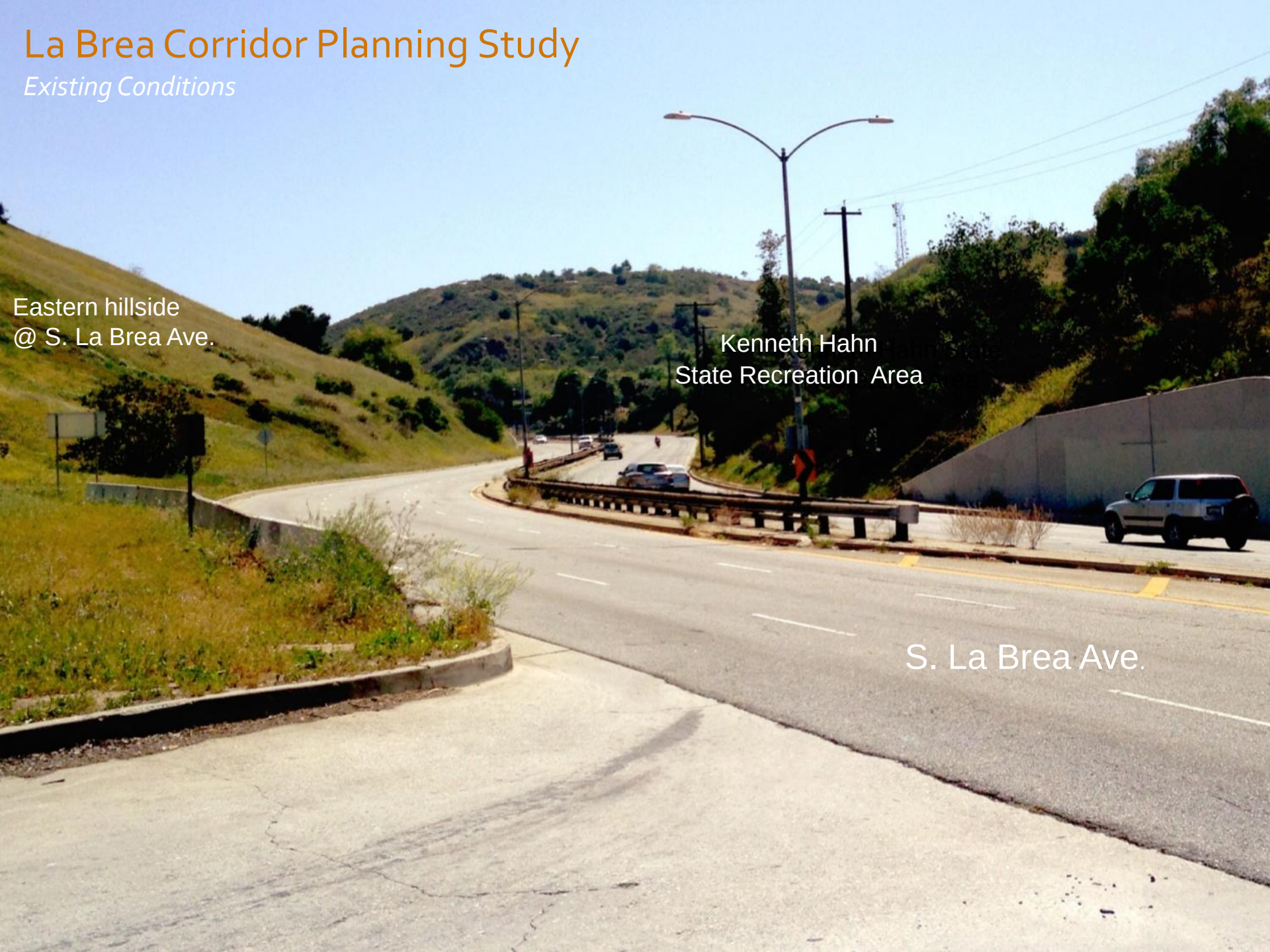
- Surveys – Digital & Analog
- Interviews
- Community Meetings & Workshops
- Internet Website Blog & Social Media

La Brea Corridor Planning Study

Existing conditions

La Brea Corridor Planning Study

Existing Conditions



La Brea Corridor Planning Study

Program / Framework

Program / Framework

Analysis

A. Mixed media qualitative GIS analysis + Grounded theory based qualitative analysis
B. Analysis questions were developed – What information do we need?
C. Collect GIS data (local, regional, and national government agencies, ESRI, non-profit organizations, educational and professional sources)
D. Layer and analyze the collected GIS data to answer analysis questions
E. Conduct public outreach events (meetings, interviews, community presentations, community workshops, surveys, and social media)
F. Collect and analyze the public outreach data from various sources (surveys, workshops, public testimonials)
G. Layer GIS & public outreach data to identify the “best” solutions.

* C & E, and D & F were performed concurrently

The following eight analysis questions guided data collection, and framed the focus of the planning study.

1) Pedestrian & Bike Trails
•What are the existing connections?
•Where are connections needed?
•How can connections be improved?

2) Park Equity
•Is there equity in access to open space?
•How can open space access become more equitable?

3) Park to Park Access
•What is the existing connectivity between Jim Gilliam Recreation Center, Kenneth Hahn State Recreation Area, and Norman O. Houston Park?
•Where are new connections needed?
•How can existing connections be improved?

4) Open Space Access
•Is open space accessible?
•Where are connections needed?
•How can access be improved?

5) Access to Healthy Food
•What are the existing food options in the area?
•Is healthy food accessible?
•Will access to healthy food be improved through the proposed Greenway?

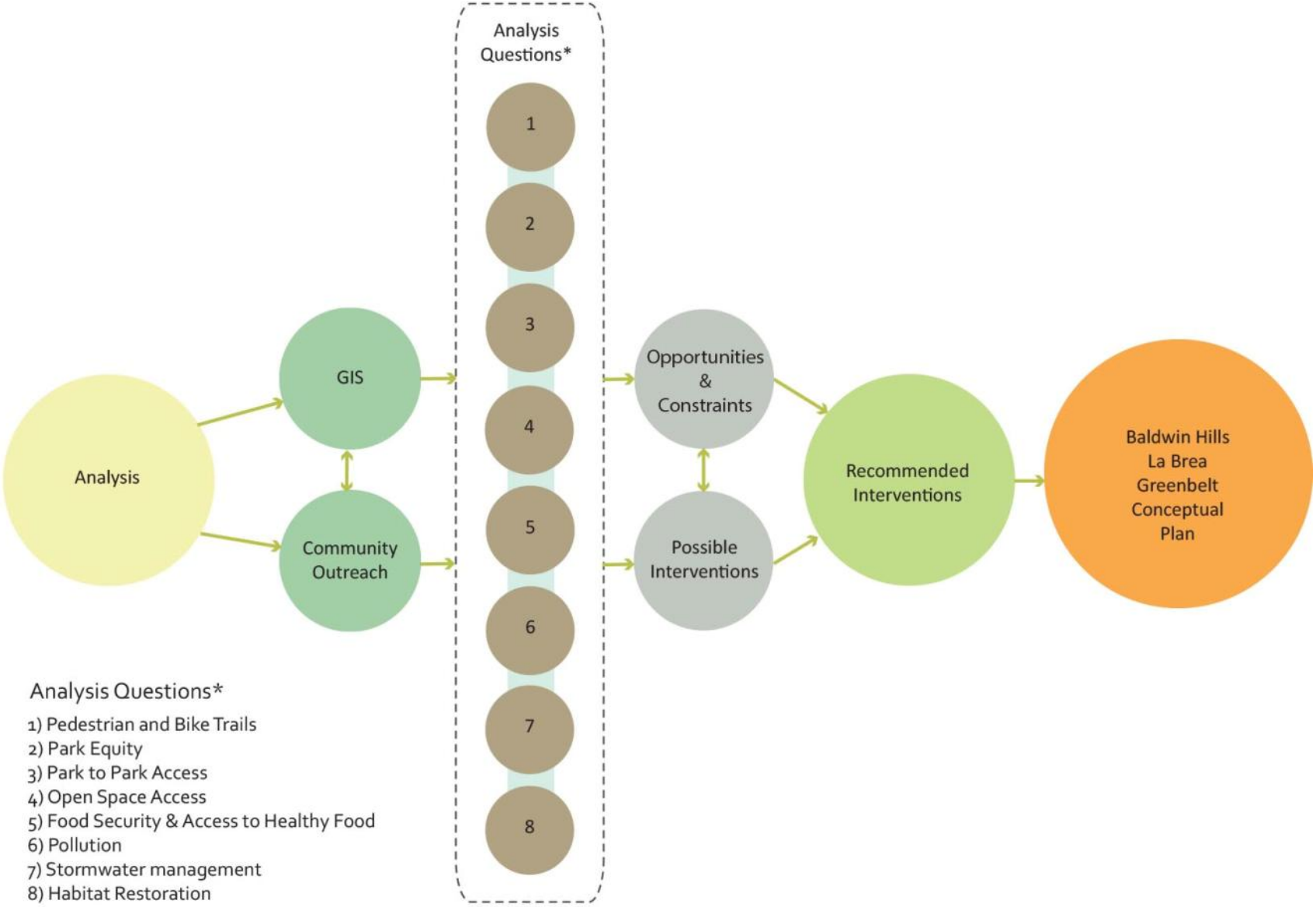
6) Pollution
•What are the existing pollution levels in the area?
•Are there pollution Issues that need to be addressed?
•How can conditions be improved?

7) Stormwater Management
•What are the existing conditions?
•Are there issues that need to be mitigated?
•How can existing infrastructure be improved?

8) Habitat Restoration
•What are the existing conditions?
•Are there issues that need to be mitigated?
•How can habitat be improved/expanded?

La Brea Corridor Planning Study

Process Diagram – Analysis



Analysis Questions*

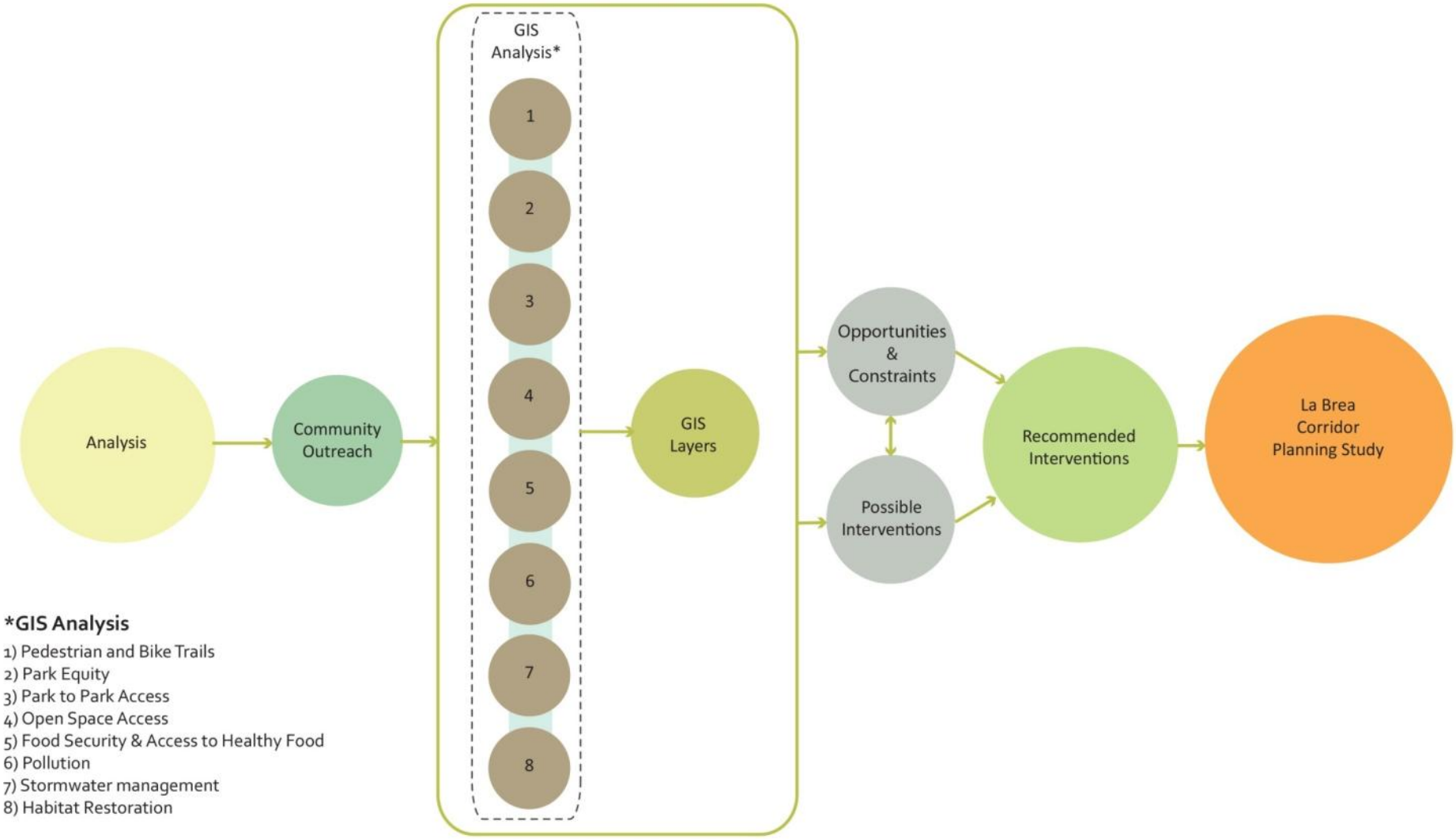
1) Pedestrian and Bike Trails
2) Park Equity
3) Park to Park Access
4) Open Space Access
5) Food Security & Access to Healthy Food
6) Pollution
7) Stormwater management
8) Habitat Restoration

La Brea Corridor Planning Study

GIS Analysis

La Brea Corridor Planning Study

Process Diagram – GIS Analysis



***GIS Analysis**

1) Pedestrian and Bike Trails
2) Park Equity
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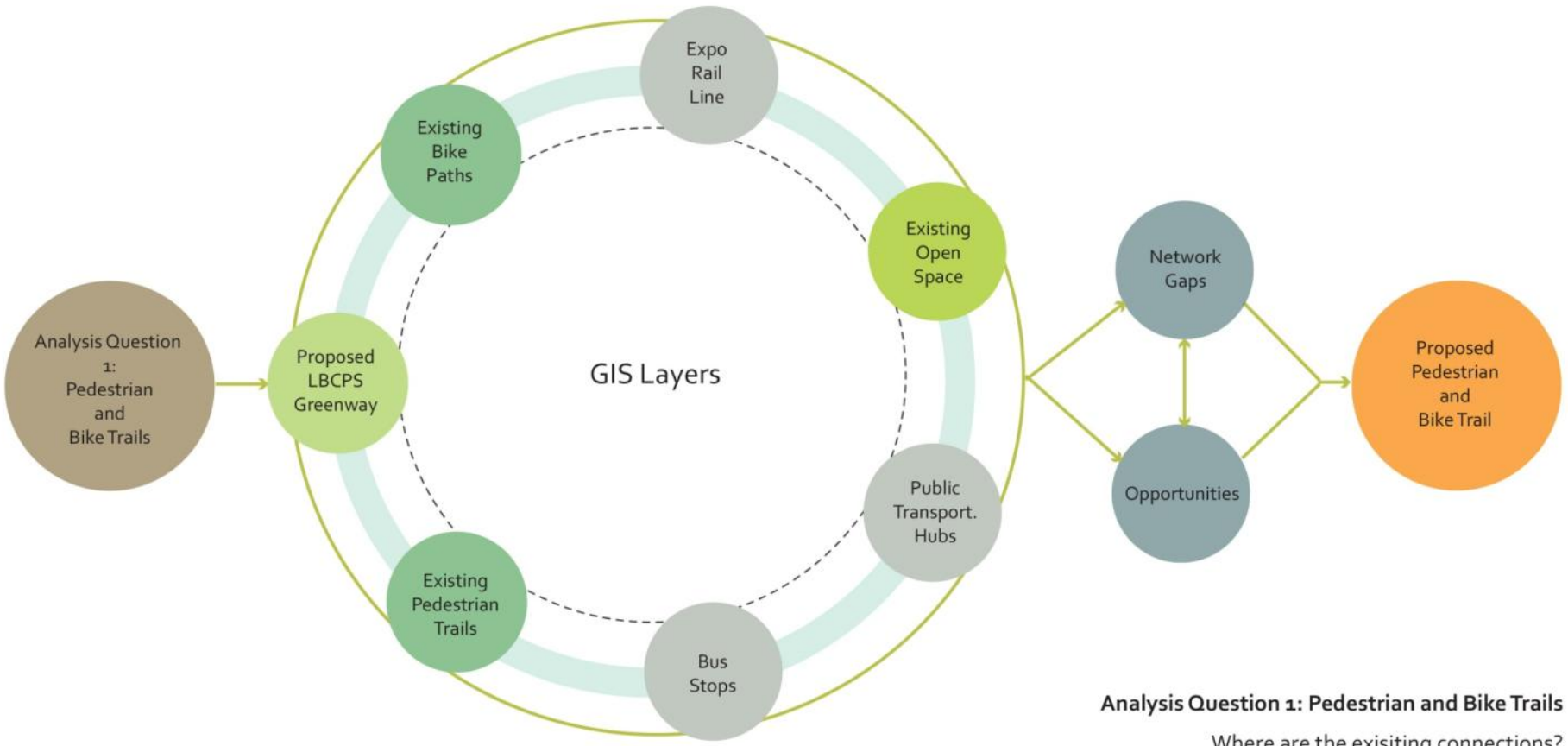
GIS Analysis Q1: Pedestrian & Bike Trails



Analysis Question 1: Pedestrian and Bike Trails

Where are the exisiting connections?
Where are connections needed?
How can connections be improved?

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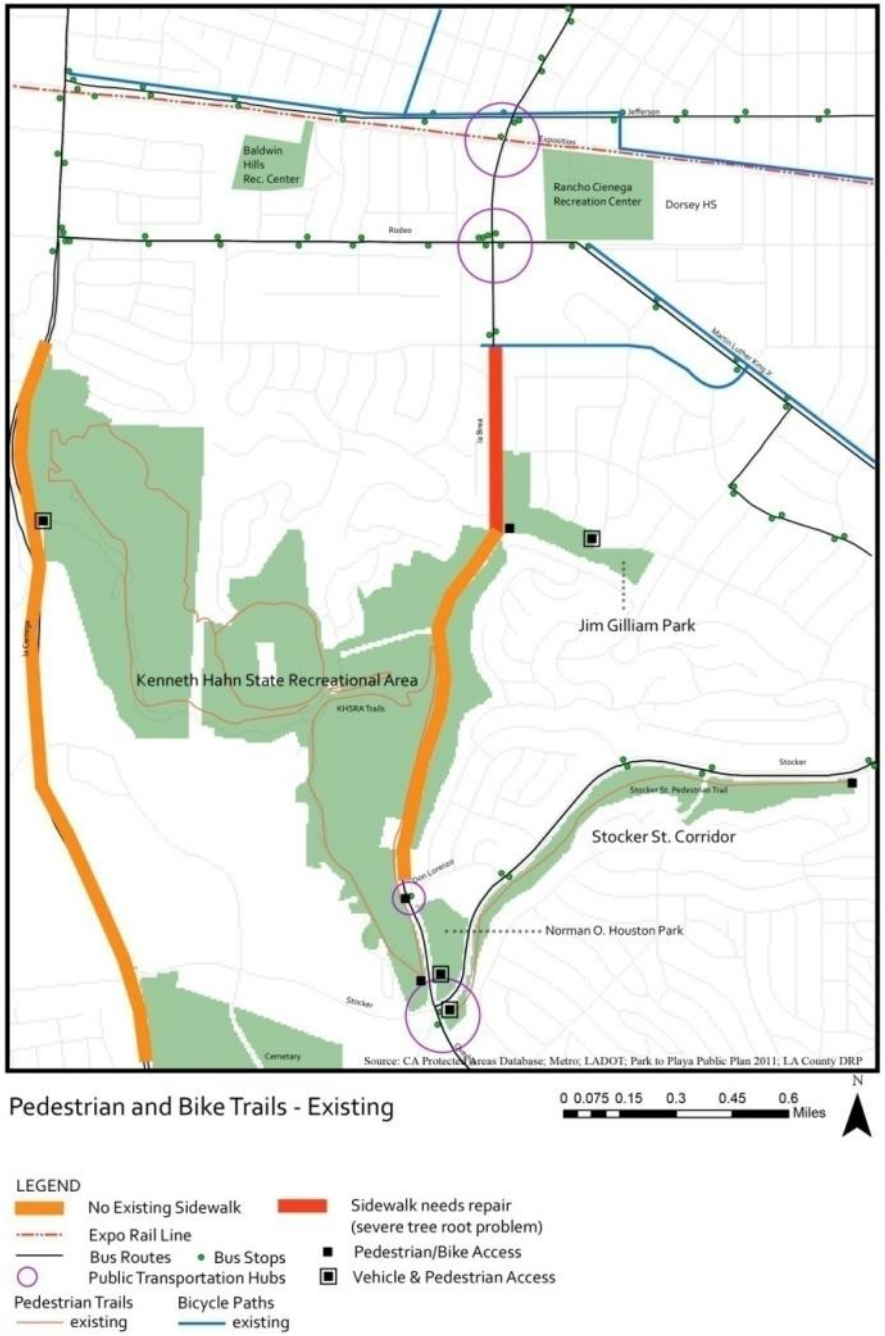
GIS Analysis

Q1: Pedestrian & Bike Trails

- What are the existing connections?
- Where are connections needed?
- How can connections be improved?



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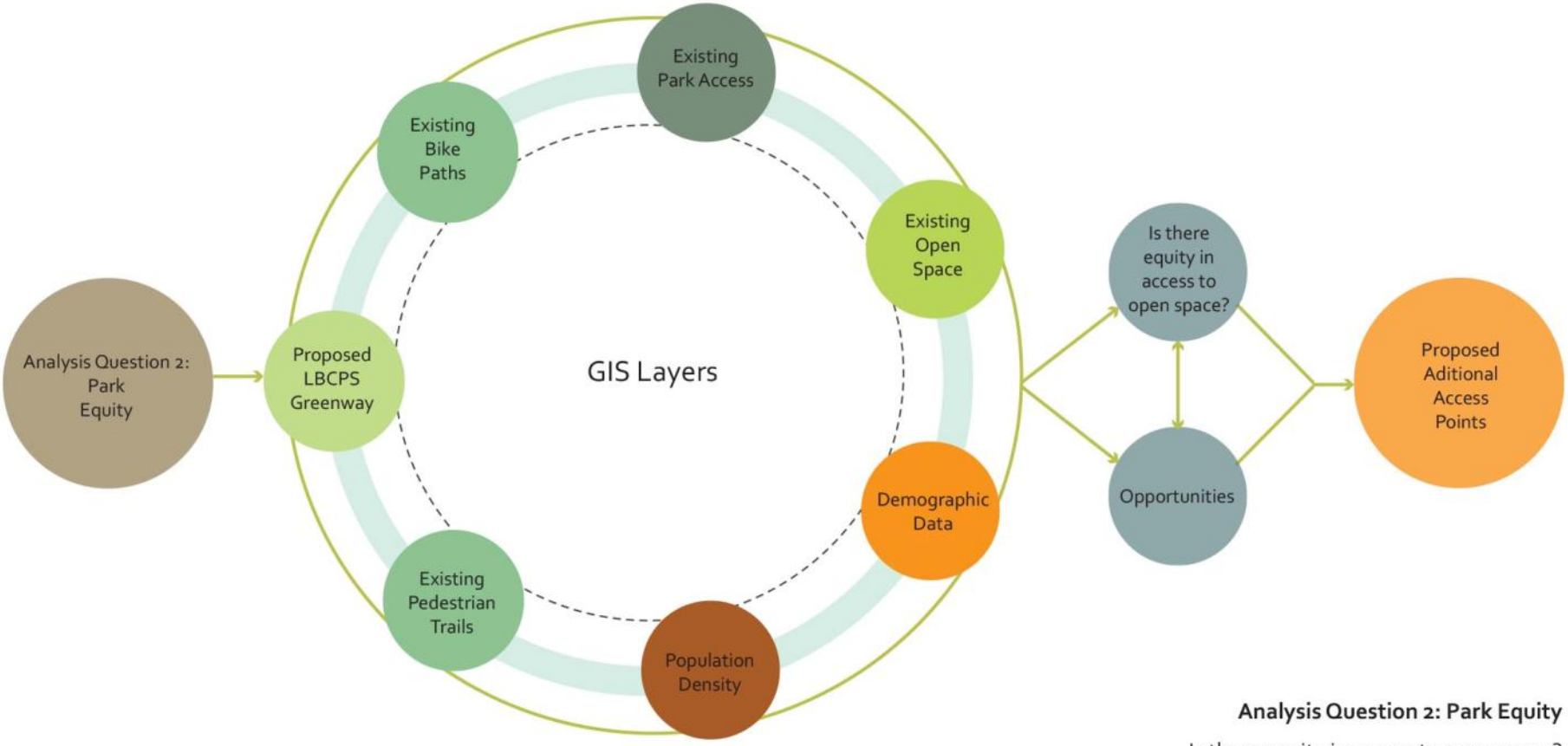
GIS Analysis Q2: Park Equity



Analysis Question 2: Park Equity

Is there equity in access to open space?
How can park access become more equitable?

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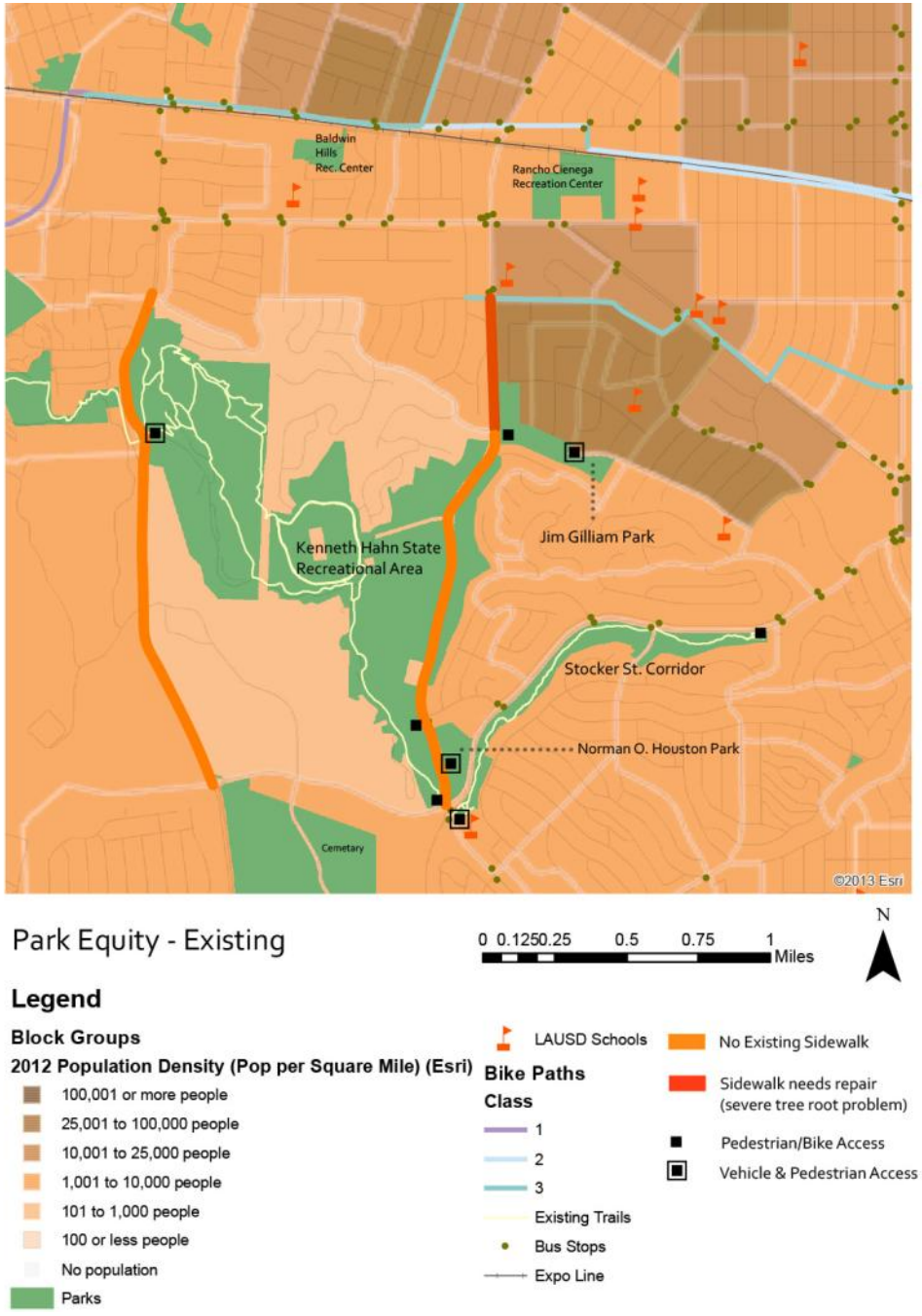
GIS Analysis

Q2: Park Equity

- Is there equity in access to open space?
- How can open space access become more equitable?



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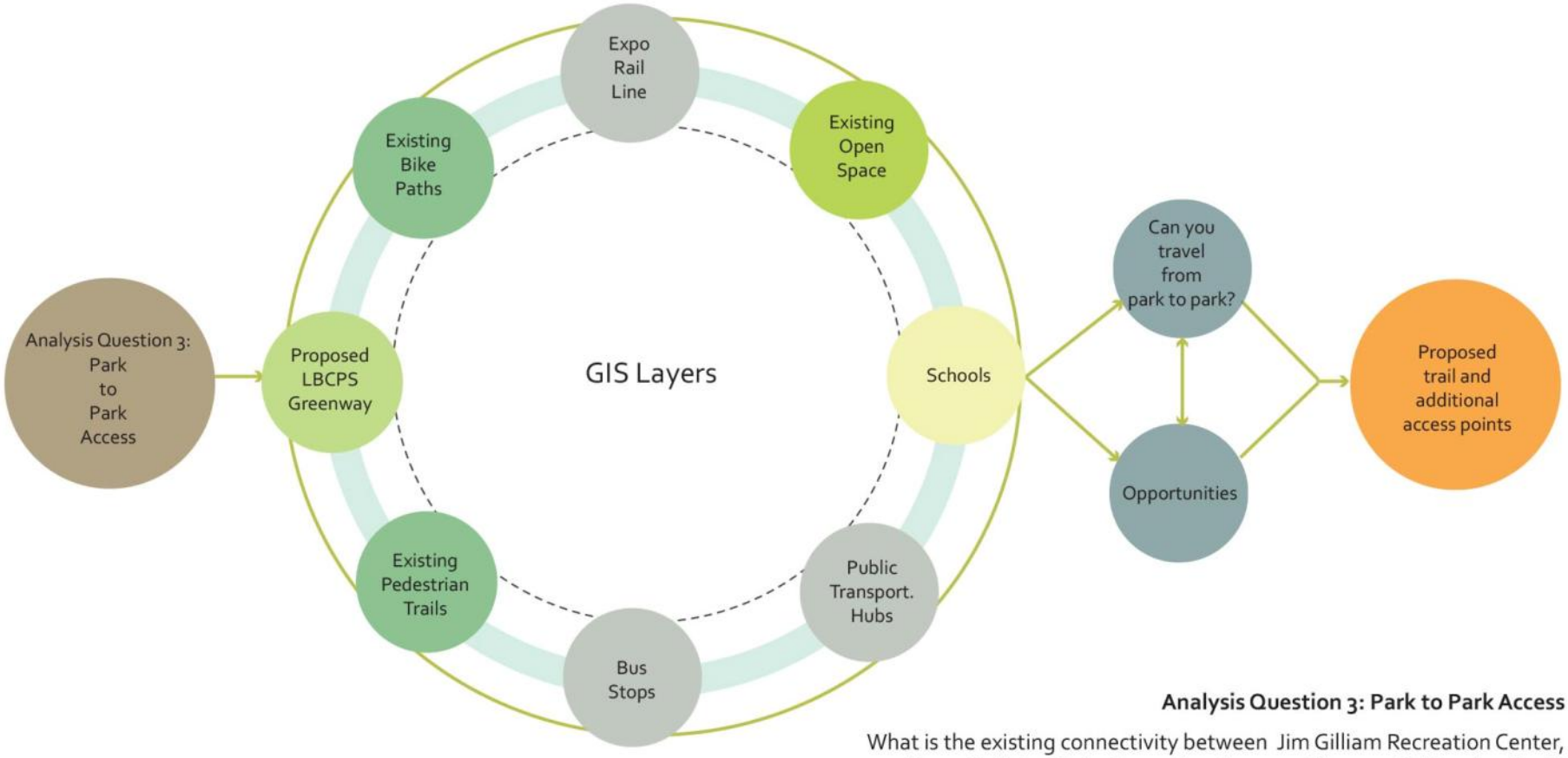
GIS Analysis Q3: Park to Park Access



Analysis Question 3: Park to Park Access

What is the existing connectivity between Jim Gilliam Recreation Center, Kenneth Hahn State Recreation Area, and Norman O. Houston Park?
Where are new connections needed?
How can existing connections be improved?

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GIS Analysis

Q3: Park to Park Access

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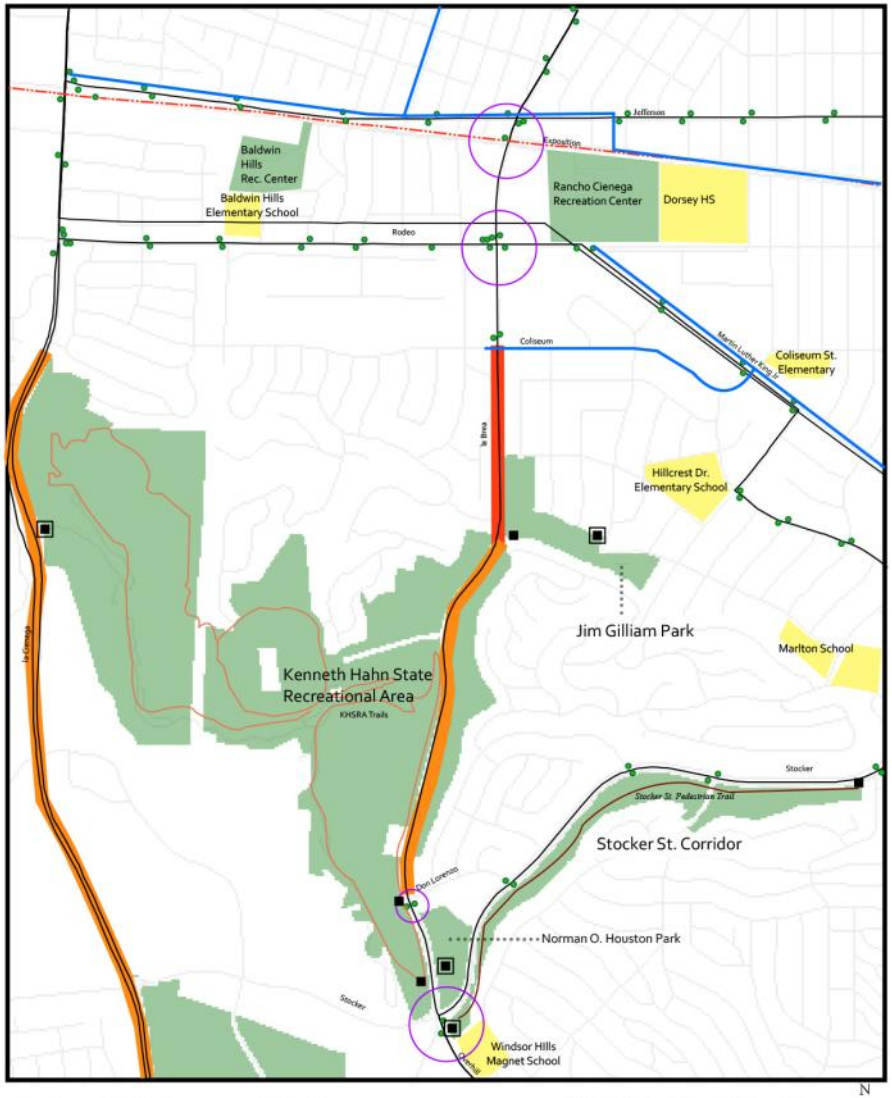

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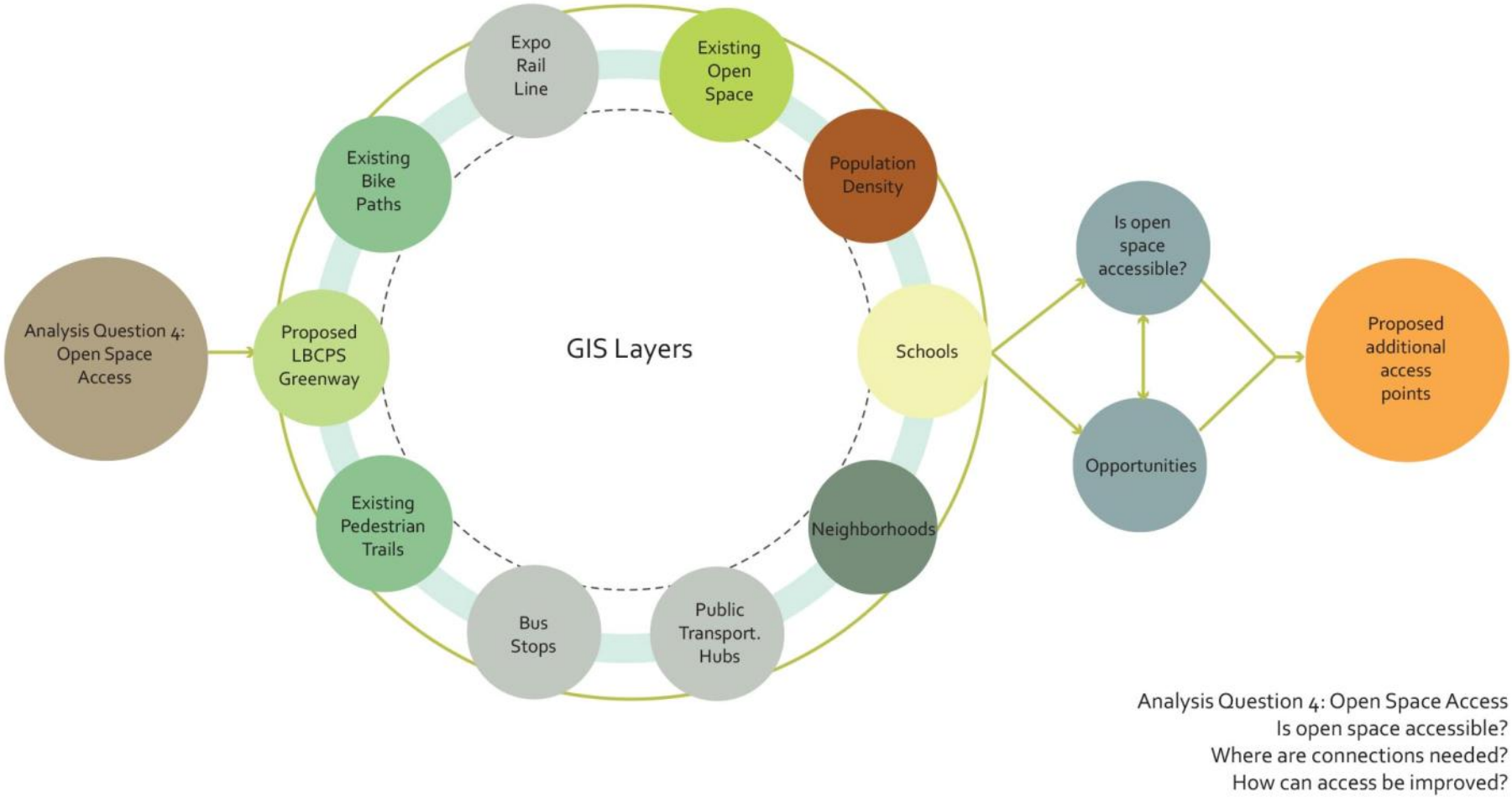
GIS Analysis Q4: Open Space Access



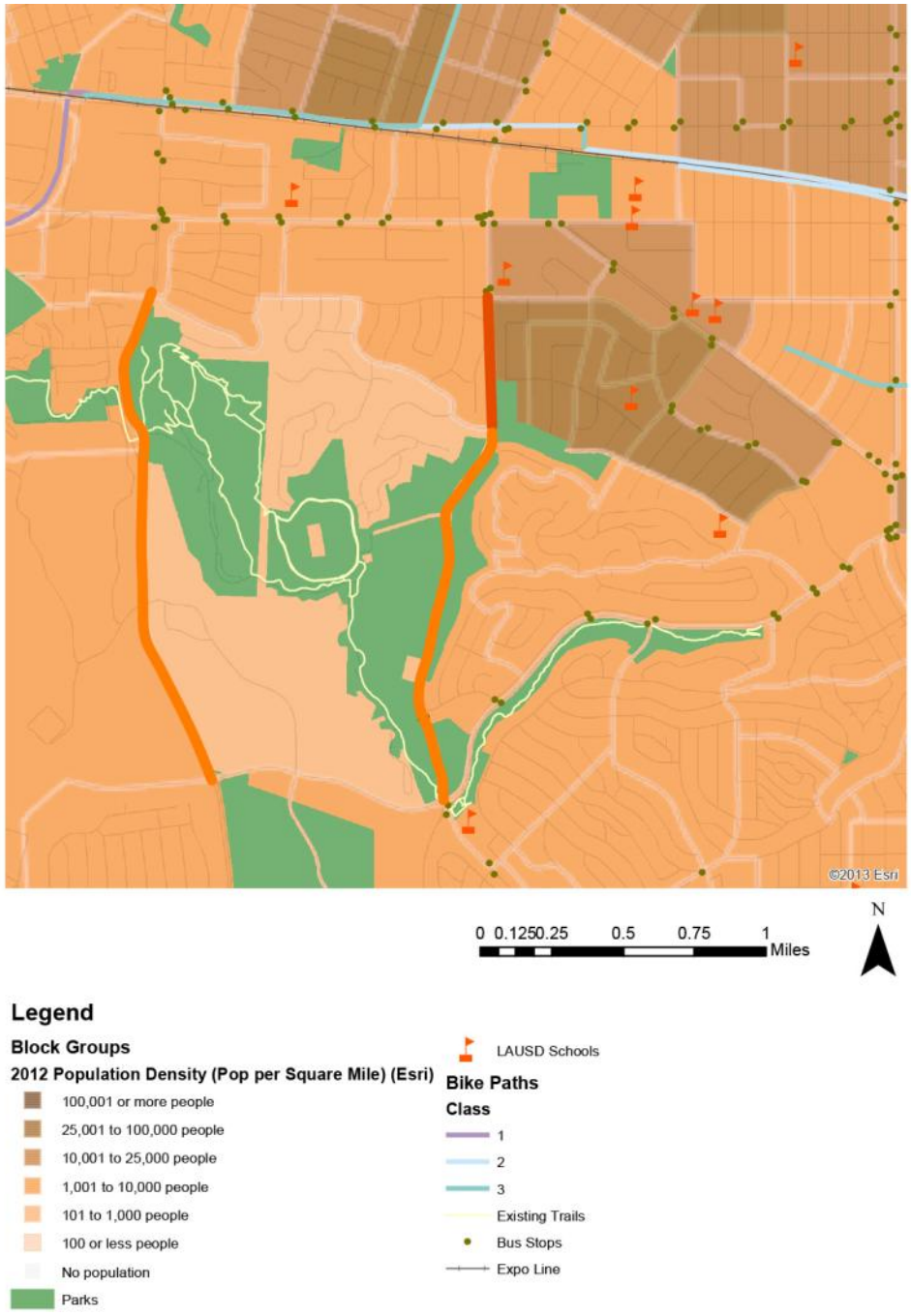
Analysis Question 4: Open Space Access
Is open space accessible?
Where are connections needed?
How can access be improved?

La Brea Corridor Planning Study

GIS Analysis

Q4: Open Space Access

- Is open space accessible?
- Where are connections needed?
- How can access be improved?



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Outreach Analysis

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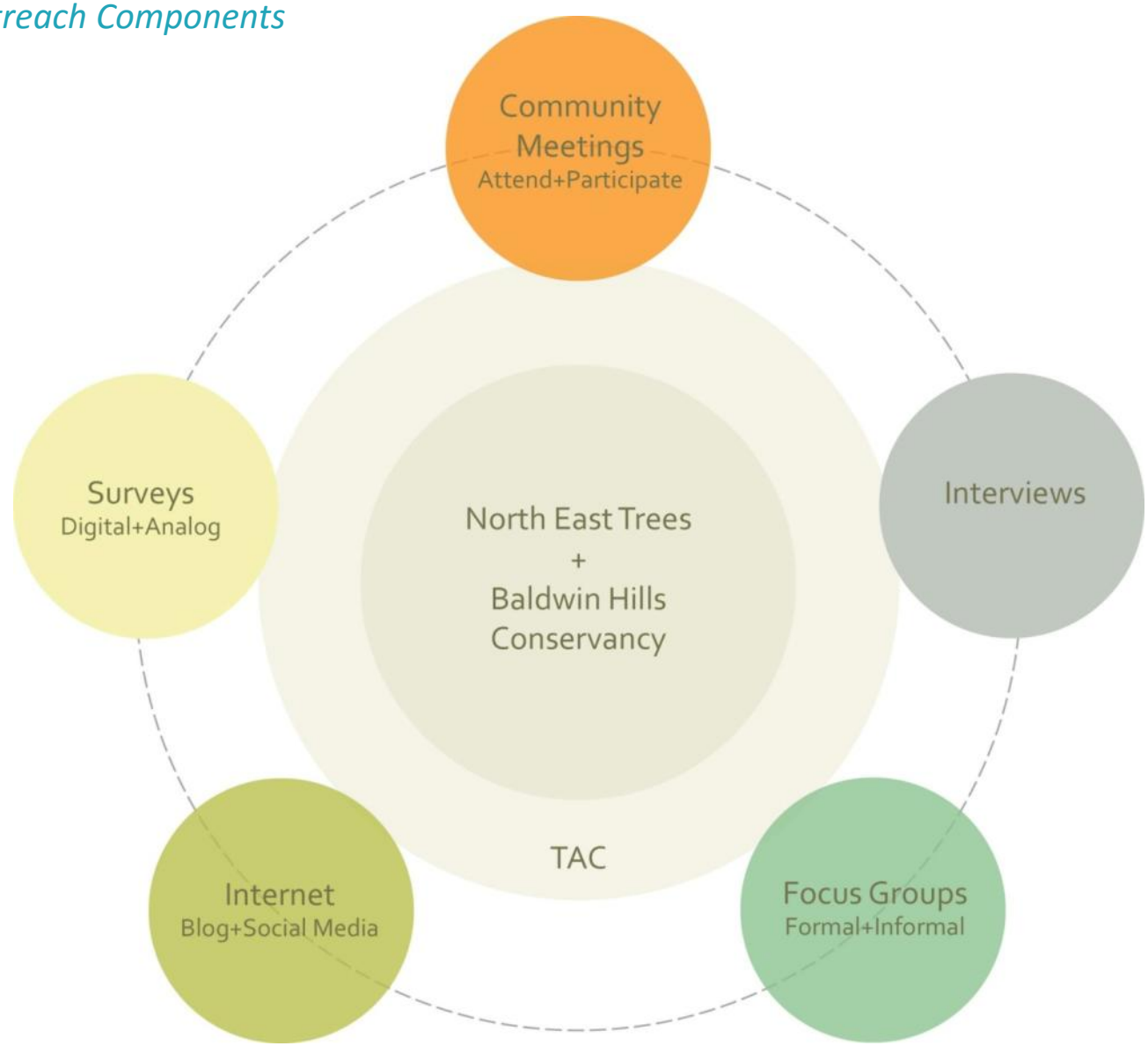
Community Outreach Components



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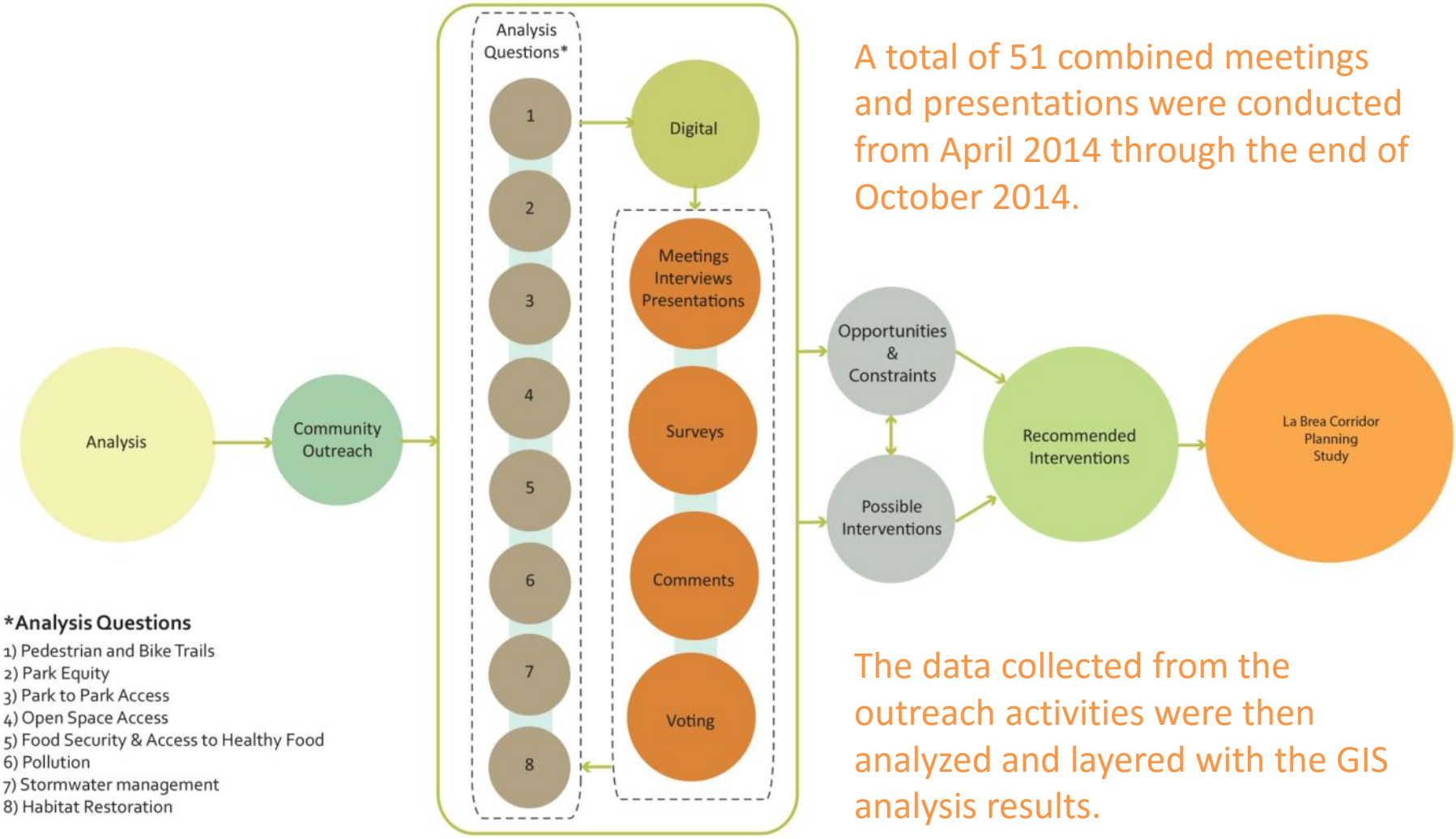
Community Outreach



***Analysis Questions**

1) Pedestrian and Bike Trails
2) Park Equity
3) Park to Park Access
4) Open Space Access
5) Food Security & Access to Healthy Food
6) Pollution
7) Stormwater management
8) Habitat Restoration

A total of 51 combined meetings and presentations were conducted from April 2014 through the end of October 2014.

The data collected from the outreach activities were then analyzed and layered with the GIS analysis results.

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Layering the Data

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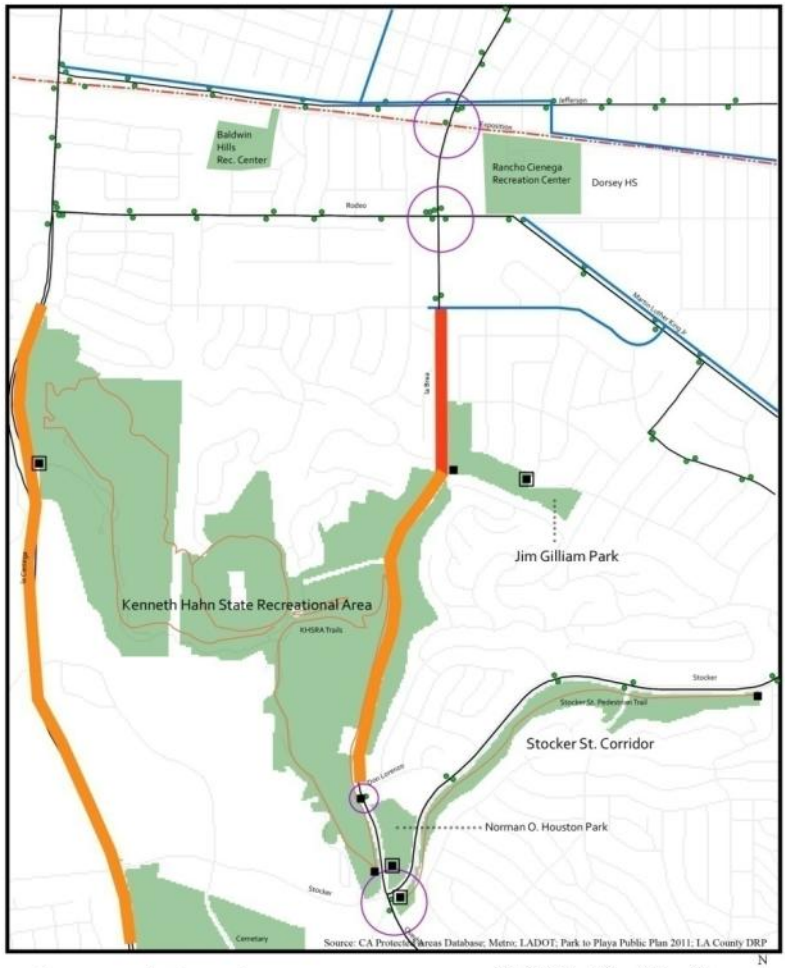
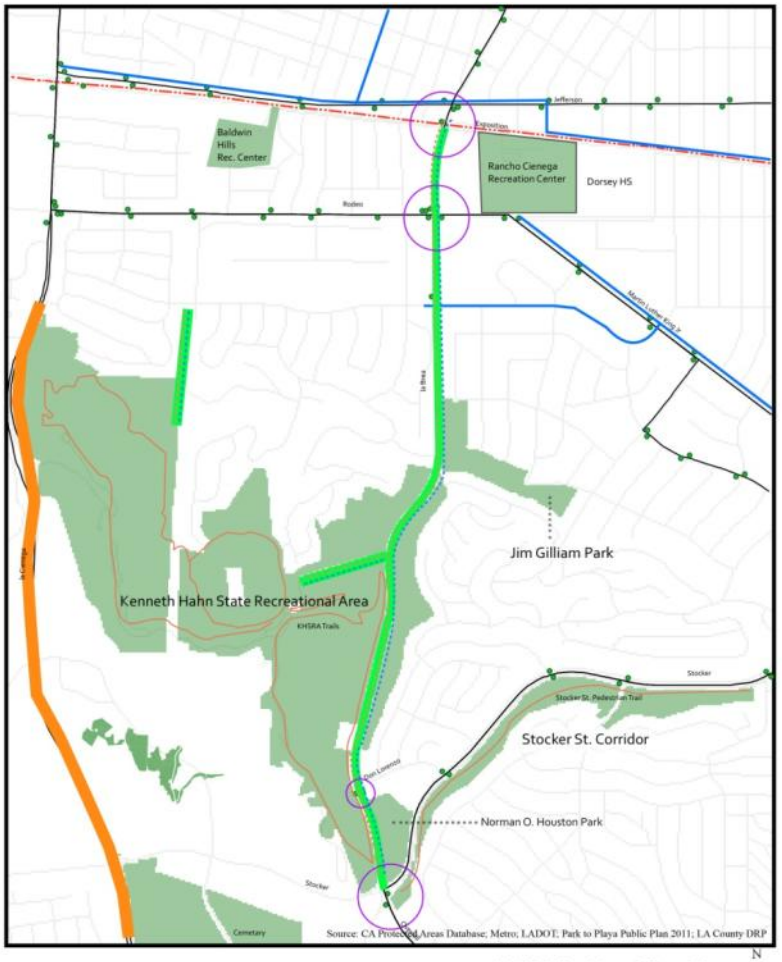
Analysis Q1: Pedestrian & Bike Trails



Pedestrian and Bike Trails - Existing

LEGEND

- No Existing Sidewalk
- Sidewalk needs repair (severe tree root problem)
- Expo Rail Line
- Bus Routes
- Bus Stops
- Pedestrian/Bike Access
- Public Transportation Hubs
- Vehicle & Pedestrian Access
- Pedestrian Trails: existing
- Bicycle Paths: existing



Pedestrian and Bike Trails - Proposed

LEGEND

- No Existing Sidewalk
- Proposed La Brea Greenway & additional access points
- Expo Rail Line
- Bus Routes
- Bus Stops
- Public Transportation Hubs
- Pedestrian Trails: existing
- Pedestrian Trails: proposed
- Bicycle Paths: existing
- Bicycle Paths: proposed

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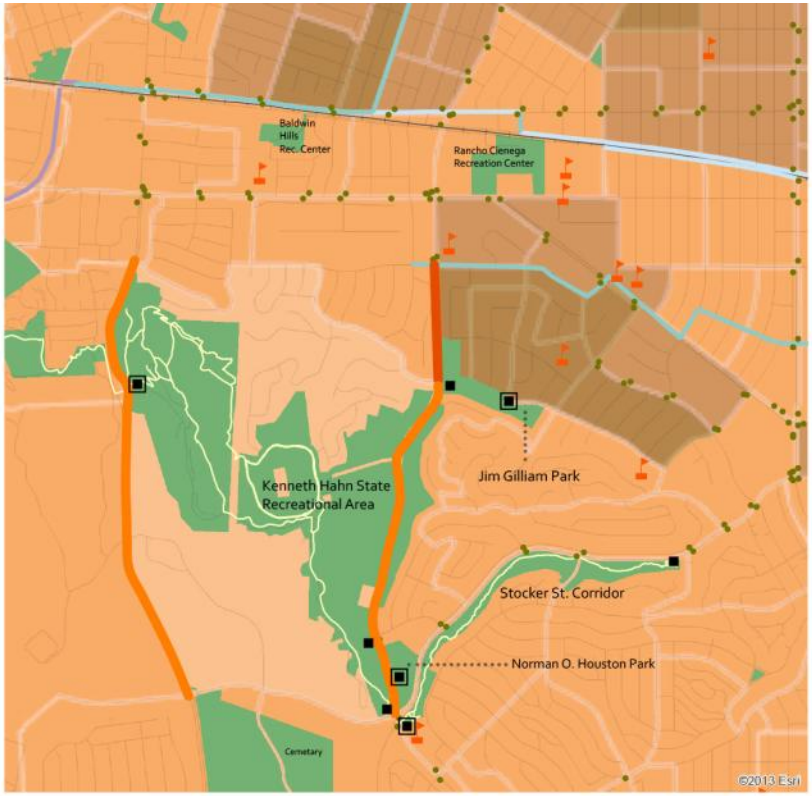
Analysis Q2: Park Equity



Park Equity - Existing

0 0.125 0.25 0.5 0.75 1 Miles

N

Legend

Block Groups

2012 Population Density (Pop per Square Mile) (Esri)

- 100,001 or more people
- 25,001 to 100,000 people
- 10,001 to 25,000 people
- 1,001 to 10,000 people
- 101 to 1,000 people
- 100 or less people
- No population
- Parks

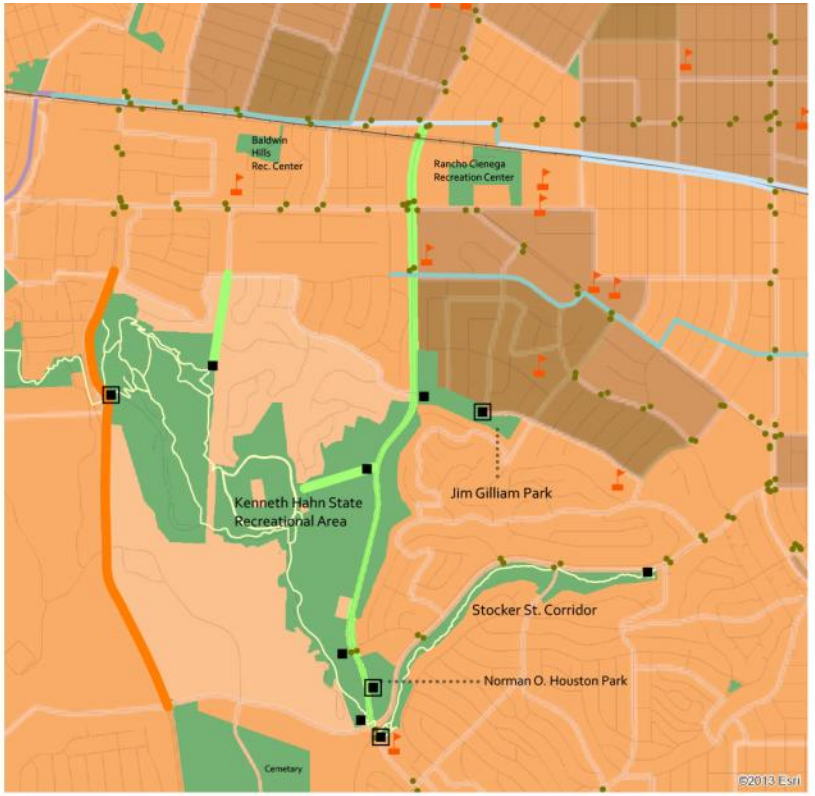
- LAUSD Schools

Bike Paths

Class

- 1
- 2
- 3
- Existing Trails
- Bus Stops
- Expo Line

- No Existing Sidewalk
- Sidewalk needs repair (severe tree root problem)
- Pedestrian/Bike Access
- Vehicle & Pedestrian Access



Park Equity - Proposed

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- LAUSD Schools

Bike Paths

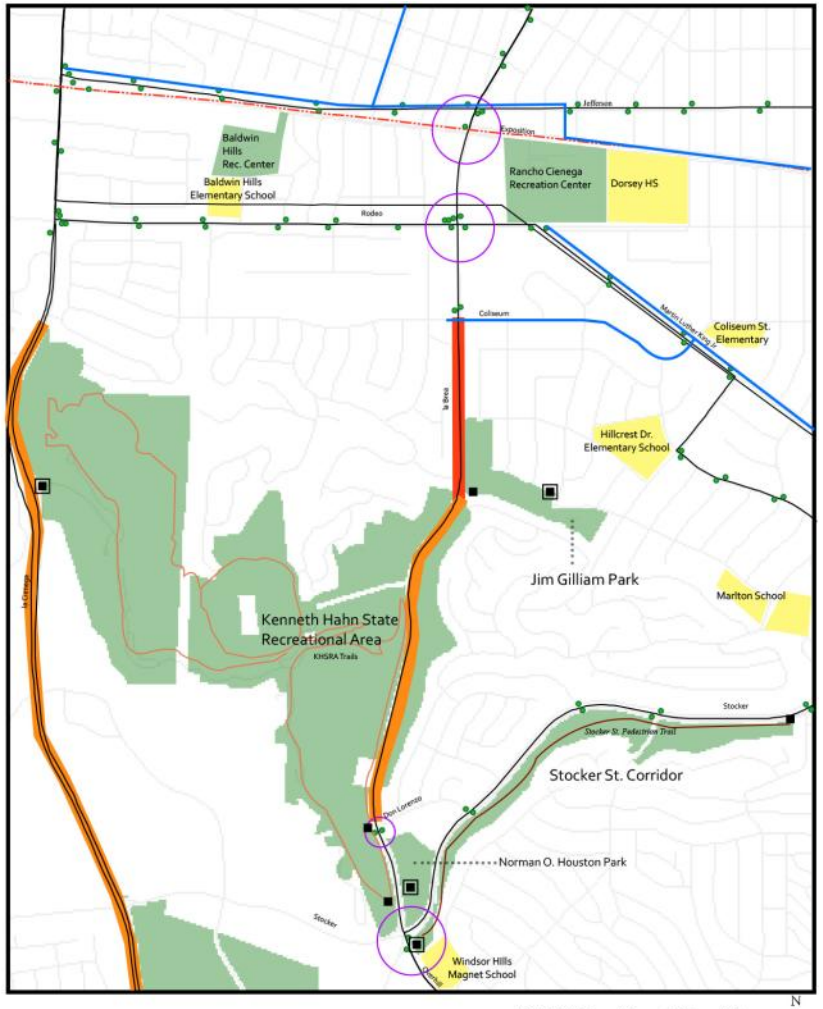
Class

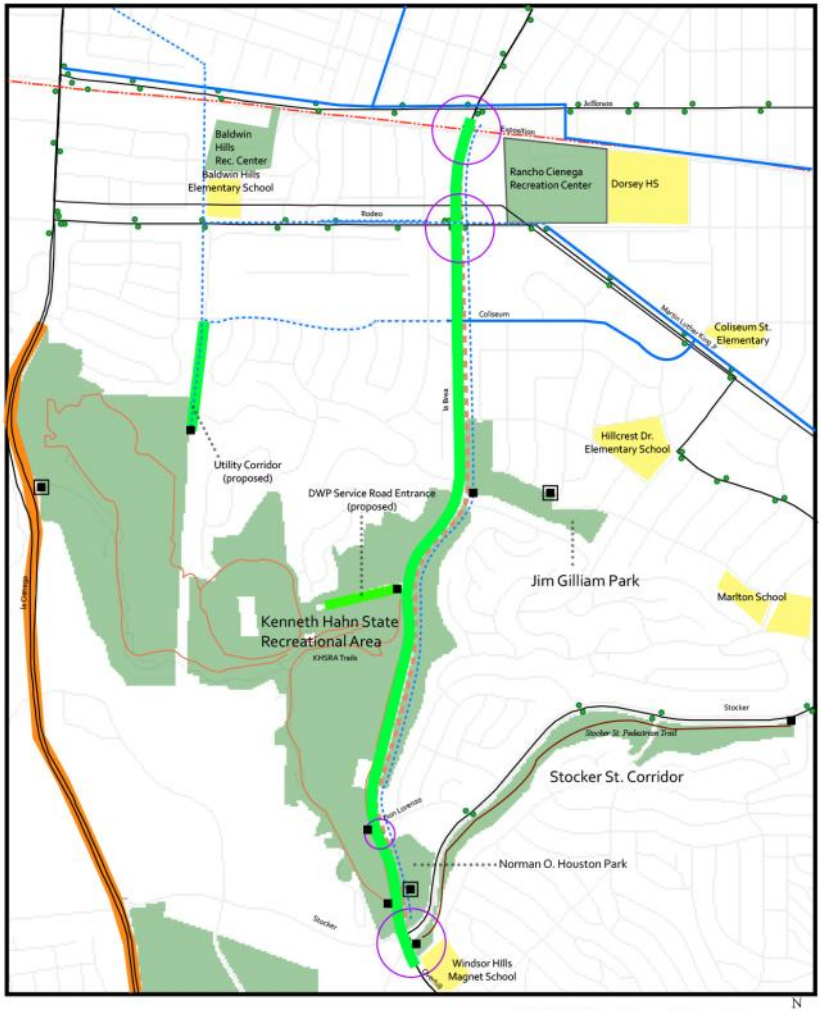
- 1
- 2
- 3
- Existing Trails
- La Brea Corridor Greenway & Trails
- Bus Stops
- Expo Line

- No Existing Sidewalk
- Pedestrian/Bike Access
- Vehicle & Pedestrian Access

La Brea Corridor Planning Study

Analysis Q3: Park to Park Access





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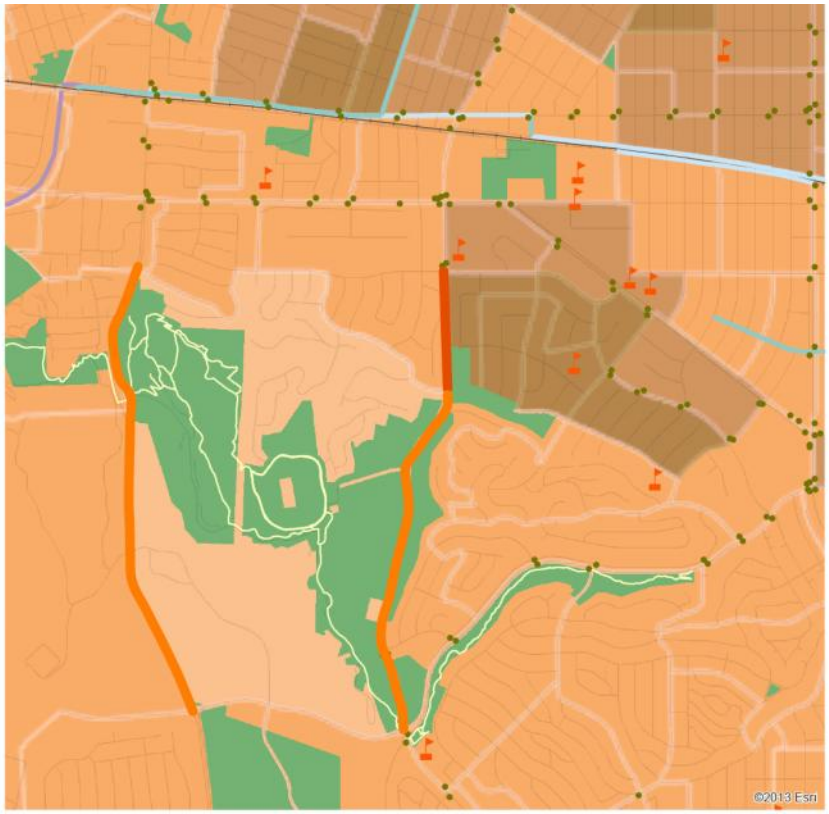
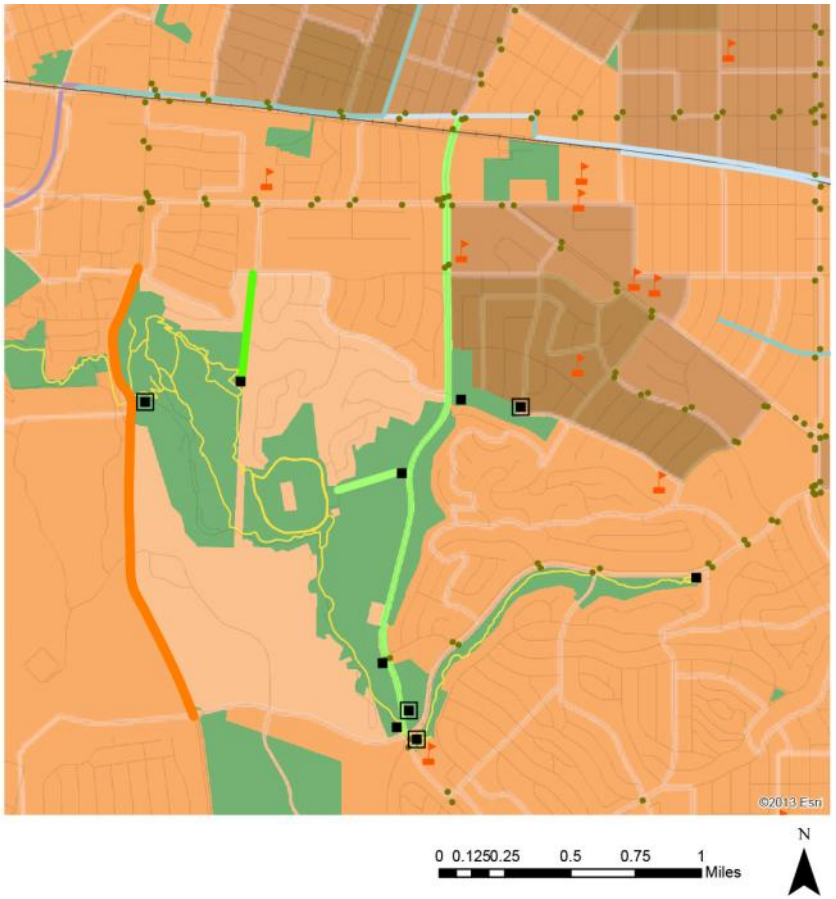
Analysis Q4: Open Space Access





La Brea Corridor Planning Study

Results

La Brea Corridor Planning Study

Results

1. Recreational trail for pedestrians & cyclists on the eastern hillside of S. La Brea Ave.

2. Prefabricated elevated pedestrian bridge crossing La Brea Ave @ the DWP service road.

3. Crosswalk with pushbutton traffic signal @ Pinafore St. alley.

4. KHSRA entry trail utilizing the existing utility corridor @ Hauser & Coliseum St.

5. Revitalized “green” alleys in the Baldwin Village community

6. Median improvements on S. La Brea Ave. between Veronica St. & Coliseum St.

La Brea Corridor Planning Study

Recreational trail along the eastern hillside of S. La Brea Ave.

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Utility corridor trail entry to Kenneth Hahn State Recreation Area

La Brea Corridor Planning Study

Prefabricated bridge crossing S. La Brea Ave to Kenneth Hahn State Recreation Area

La Brea Corridor Planning Study

"Green Alley" improvements throughout Baldwin Village

Thank You

Michele Montano
michele@northeasttrees.org