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

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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
La Brea Corridor Planning Study

Project Introduction
La Brea Corridor Planning Study

Project Location

California

Los Angeles County

City of Los Angeles
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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.
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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
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Existing conditions

Jim Gilliam Recreation Center

S. La Brea Ave.

Kenneth Hahn State Recreation Area

Eastern Slope @ La Brea Ave.
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Existing Conditions

Eastern hillside @ S. La Brea Ave.

Kenneth Hahn State Recreation Area

S. La Brea Ave.
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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?
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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

GIS
Community Outreach

Opportunities & Constraints

Possible Interventions

Recommended Interventions

Baldwin Hills La Brea Greenbelt Conceptual Plan
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GIS Analysis
La Brea Corridor Planning Study

Process Diagram – GIS Analysis

*GIS Analysis
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
Analysis Question 1: Pedestrian and Bike Trails

Where are the existing 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?
Analysis Question 2: Park Equity

Is there equity in access to open space?
How can park access become more equitable?
Q2: Park Equity

• Is there equity in access to open space?

• How can open space access become more equitable?
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

• 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 Q4: Open Space Access

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

- Community Meetings: Attend+Participate
- Surveys: Digital+Analog
- Interviews
- Internet: Blog+Social Media
- Focus Groups: Formal+Informal

North East Trees + Baldwin Hills Conservancy
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 Q2: Park Equity

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

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

Bike Paths
- Class 1
- Class 2
- Class 3
- Existing Trails
- Bus Stops
- Expo Line

Legend
Block Groups
2012 Population Density (Pop per Square Mile) (Esri)
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LAUSD Schools
- No Existing Sidewalk
- Pedestrian/Bike Access
- Vehicle & Pedestrian Access

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

Park Equity - Existing

Park Equity - Proposed
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Analysis Q4: Open Space Access
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Results
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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.
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Recreational trail along the eastern hillside of S. La Brea Ave.
La Brea Corridor Planning Study
Utility corridor trail entry to Kenneth Hahn State Recreation Area
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Prefabricated bridge crossing S. La Brea Ave to Kenneth Hahn State Recreation Area
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“Green Alley” improvements throughout Baldwin Village
Thank You

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