

# San Diego River Tributary Canyons Project



*Project Recommendations Provided to:*

San Diego River Conservancy Board

May 6, 2010

# Goals



## **Recreation:**

Improve recreational access to the SD River and its tributary canyons



## **Transportation:**

Improve non-vehicular transportation options for movement within and between neighborhoods



## **Environmental:**

Preserve and enhance natural resources and processes

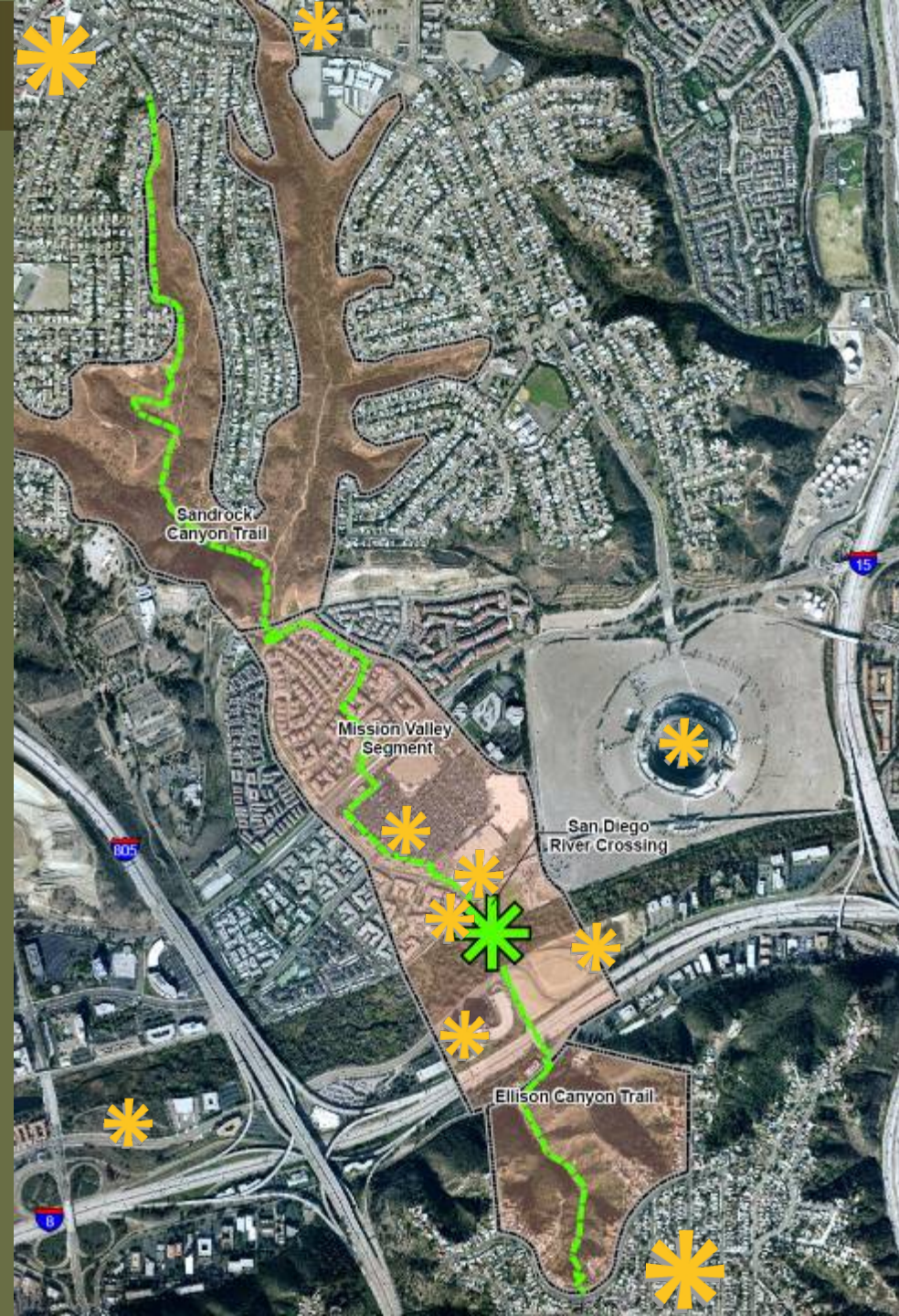


## **Education:**

Promote environmental awareness and learning

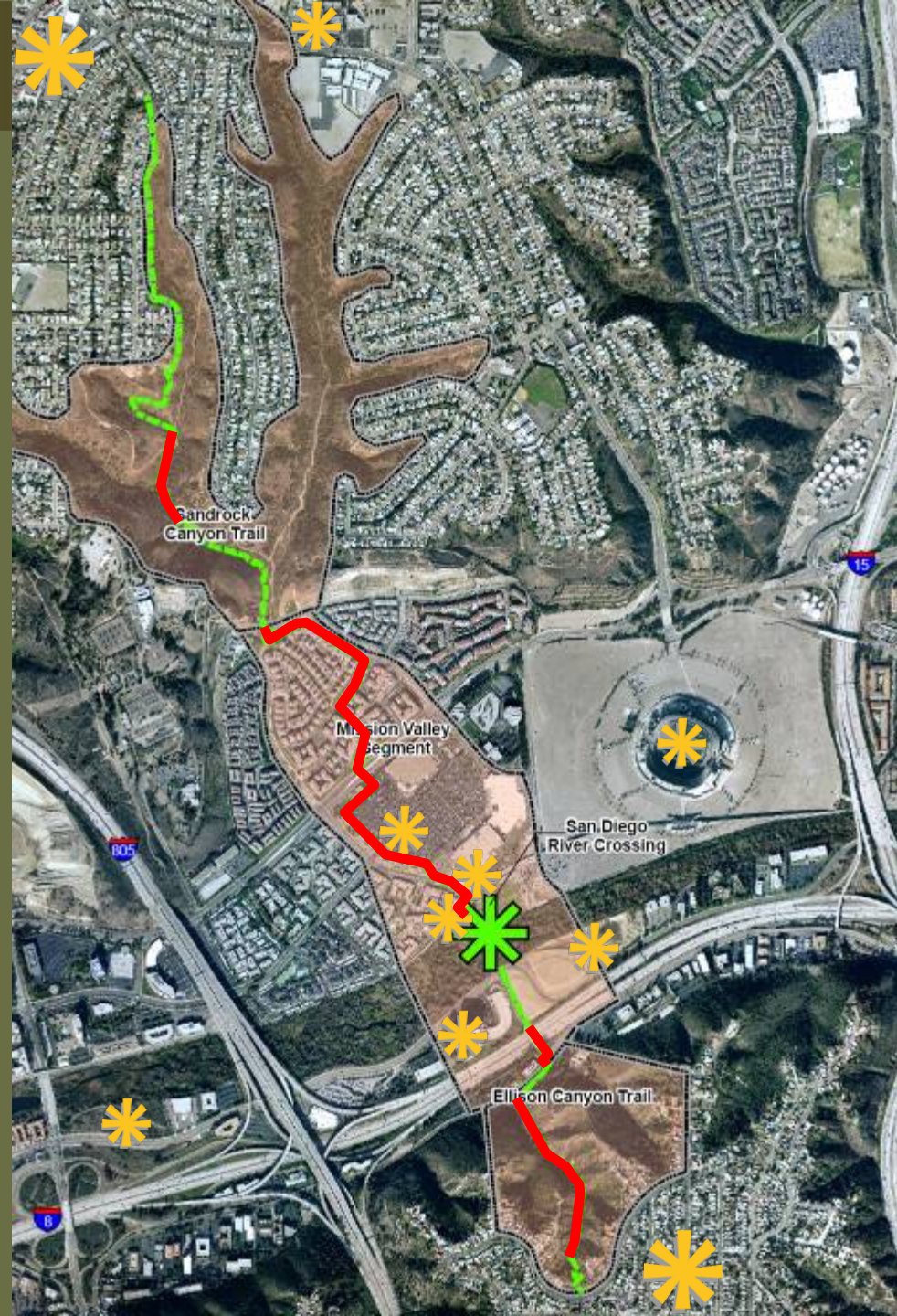
# Project Overview

- Project Length: 17,500 ft
- Canyon and urban trails
- Connections



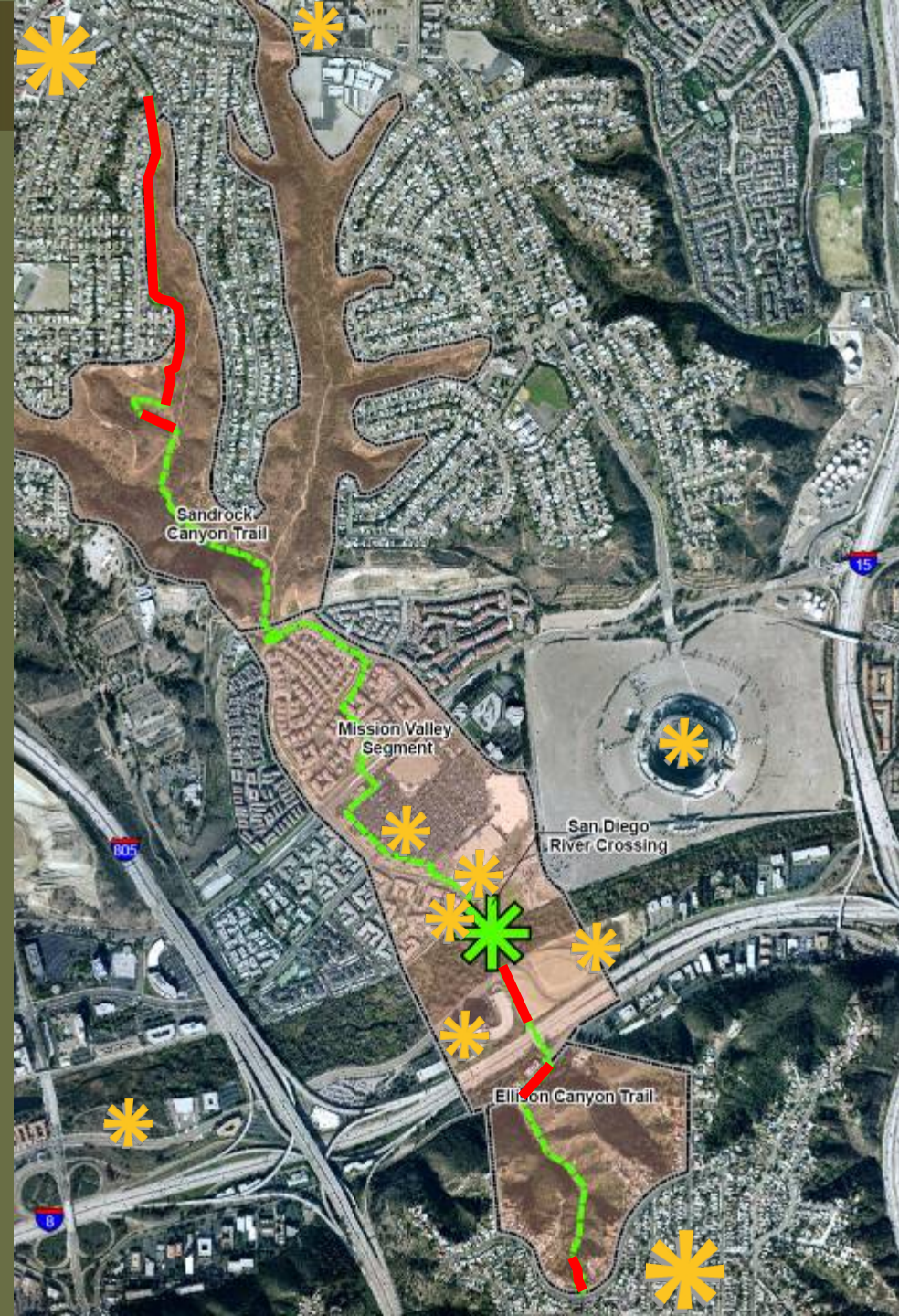
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- Existing usable trail



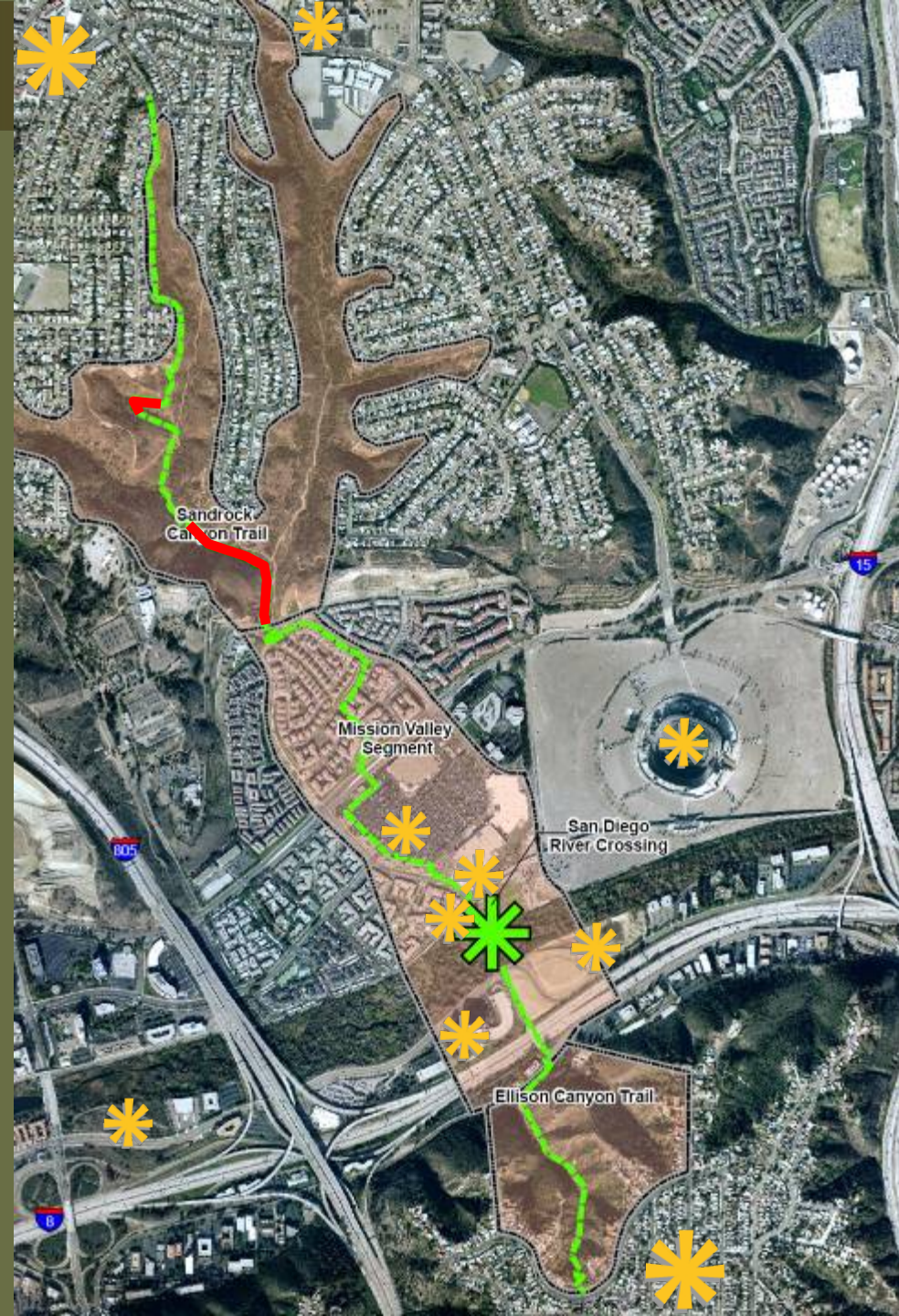
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- Improvements needed



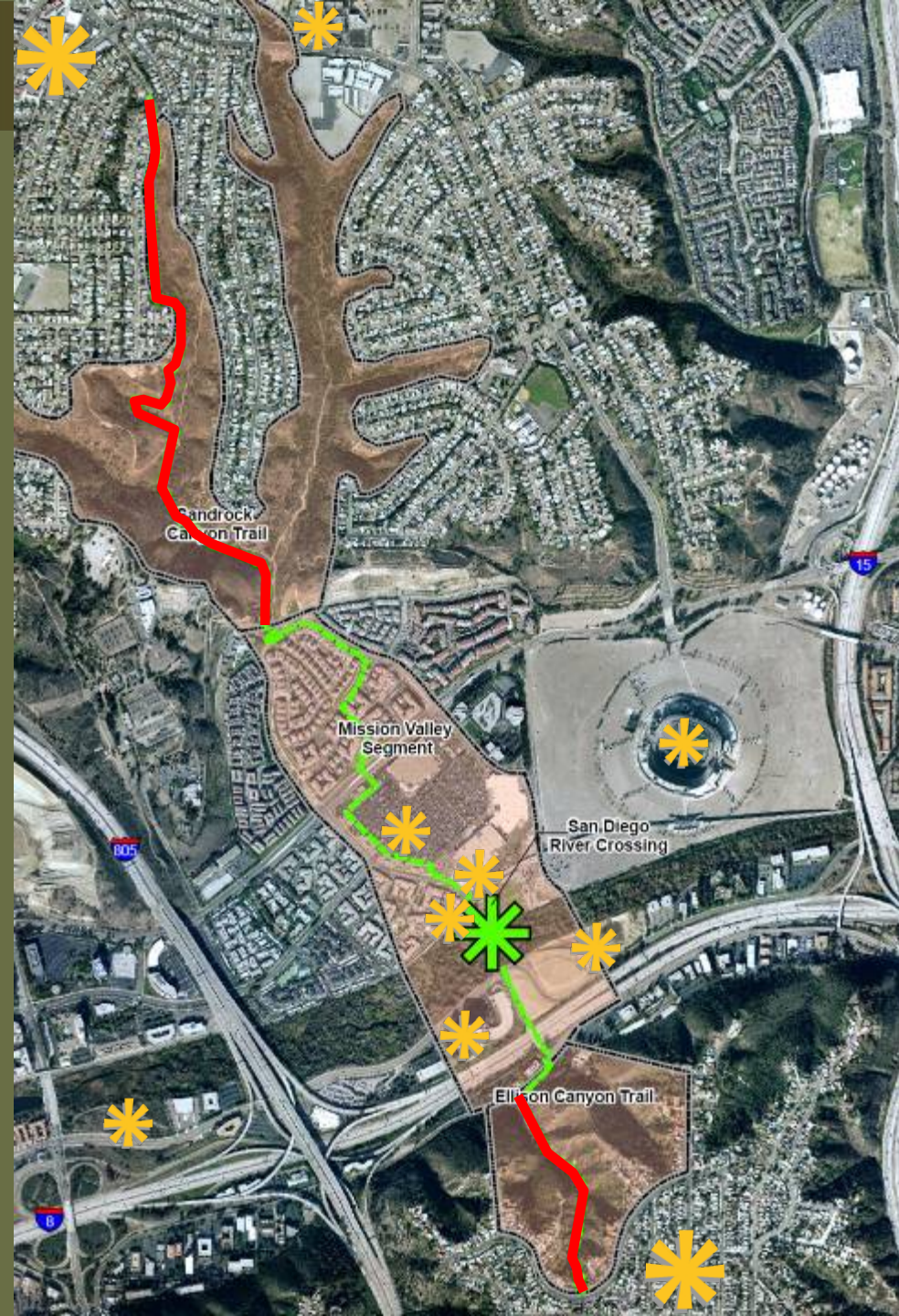
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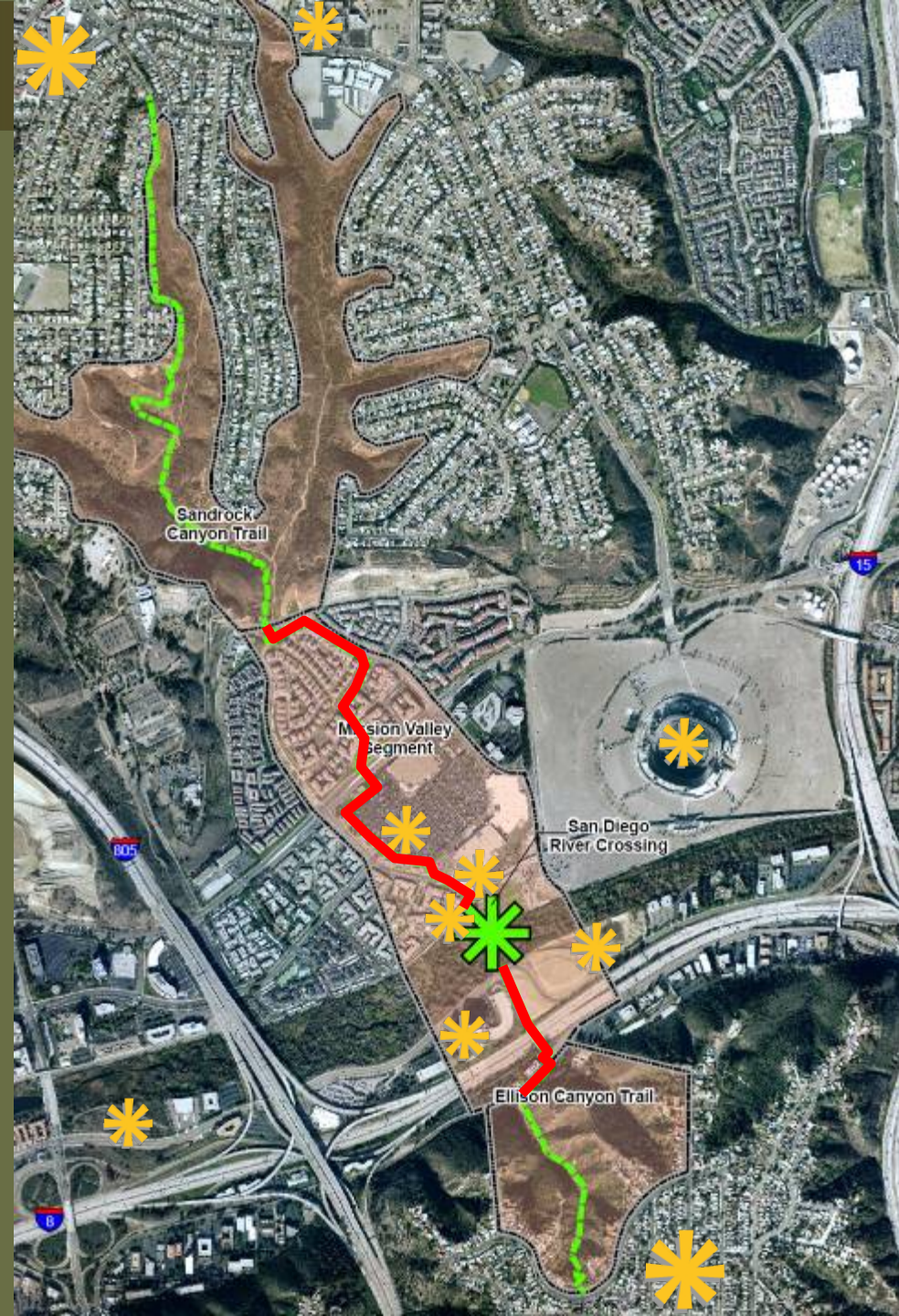
# Project Overview

- Project Parts
  - Part 1: Canyon Trails



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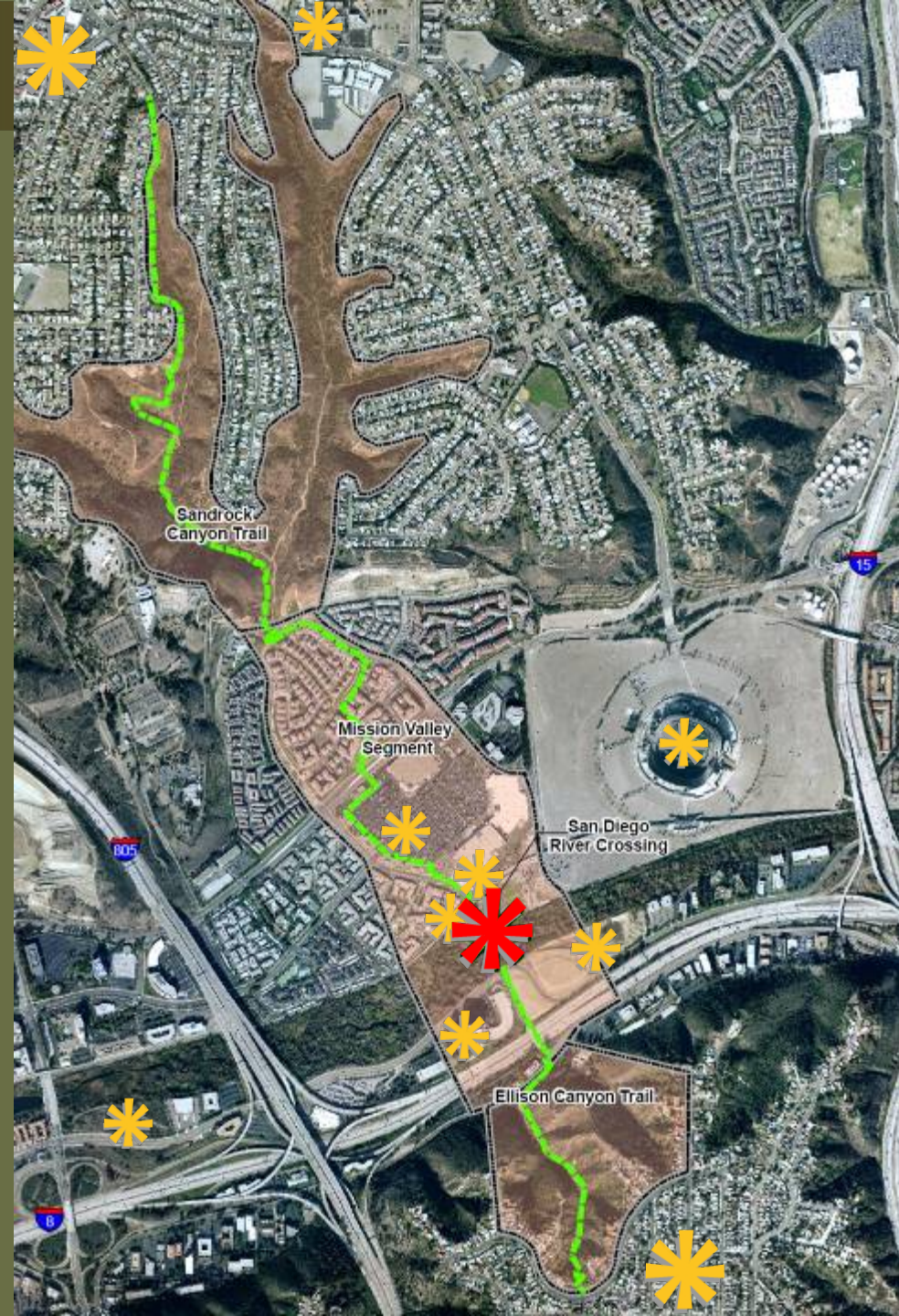
- Project Parts
  - Part 1: Canyon Trails
  - Part 2: Mission Valley Urban Trail





# Project Overview

- Project Parts
  - Part 1: Canyon Trails
  - Part 2: Mission Valley Urban Trail
  - Part 3: San Diego River Crossing



# Part 1 – Canyon Trails

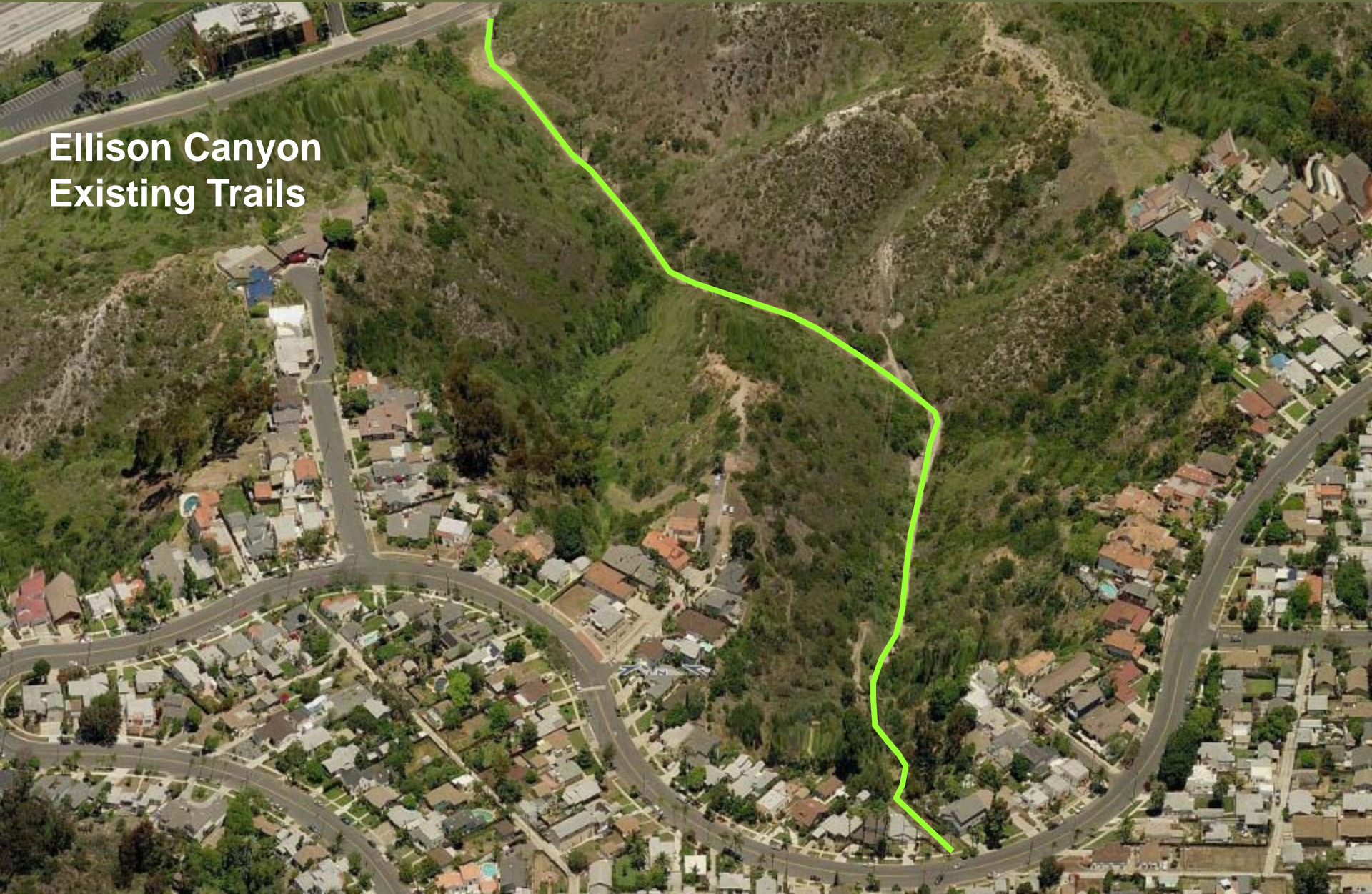


- Features
  - Trail Improvements
  - Trailheads
  - Habitat Restoration
  - Interpretive Elements
- Recommendation
  - Initiate Real Estate work
  - Follow with Design and Permitting
- Cost
  - \$734,000



# Part 1 – Canyon Trails

Ellison Canyon  
Existing Trails



# Part 1 – Canyon Trails

## Existing Trails



# Part 1 – Canyon Trails

## North Mountain View Dr. Trailhead



# Part 1 – Canyon Trails



North  
Mountain  
View Dr.  
Trailhead



# Part 1 – Canyon Trails

## Habitat Restoration



# Part 1 – Canyon Trails

## Sandrock Trailhead





# Part 1 – Canyon Trails

## Sandrock Trailhead



# Part 1 – Canyon Trails



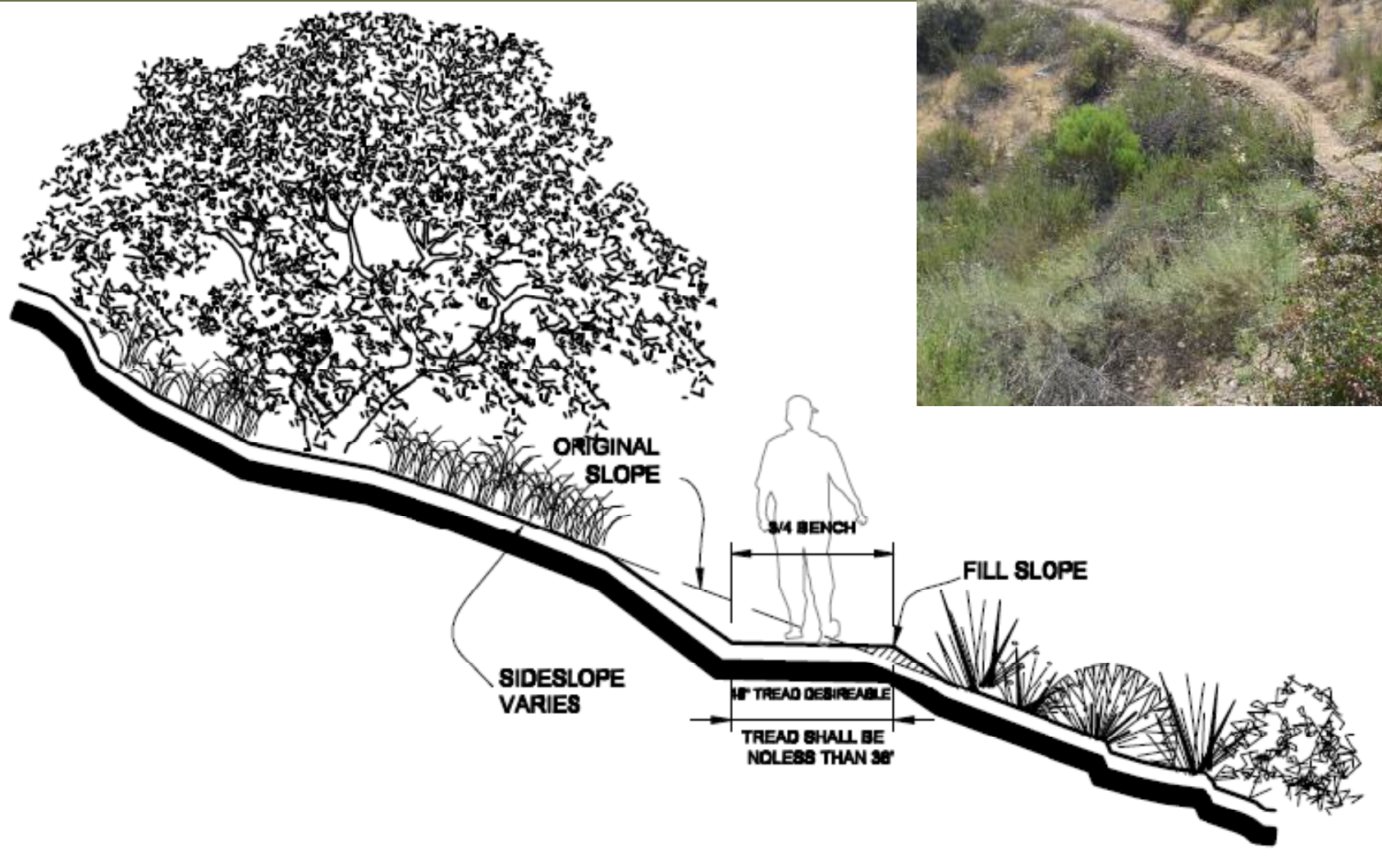
# Part 1 – Canyon Trails



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# Part 1 – Canyon Trails



# Part 1 – Canyon Trails

## Habitat Restoration



# Part 2 – Mission Valley

- Features
  - Wayfinding Elements
  - Trail Improvements
- Recommendation
  - Initiate design and permitting after Part 1 Canyon Trails implementation
- Cost
  - \$230,000



# Part 2 – Mission Valley





# Part 2 – Mission Valley



# Part 2 – Mission Valley



# Part 2 – Mission Valley





# Part 3 – San Diego River Crossing



- Features
  - Bridge Alternatives
  - Plaza/Park Alternatives
  - Trolley Connection
  - SD River Trail Connection
  - Interpretive Elements
- Recommendation
  - Present conceptual solutions in Mission Valley Community Plan Update process

# Part 3 – San Diego River Crossing

## GIRDER BRIDGE

Estimated Construction Cost  
\$3.0 Million (at \$400/sqft)  
\$3.8 Million (at \$500/sqft)



## CABLE STAY BRIDGE

Estimated Construction Cost  
\$8.8 Million for 3-armed design (at \$700/sqft)  
\$5.8 Million for straight design (at \$700/sqft)



Bridge designs by

- Frieder Seibl (Dean of Jacobs School of Engineering at UCSD) and
- Gernot Komar (David Evans and Associates)

# Part 3 – San Diego River Crossing



# Recommended Implementation Plan Summary

- Phase 1
  - Canyon Trail Real Estate Work
  - Canyon Trail Design and Permitting
  - Community Plan Update involvement
- Phase 2
  - Mission Valley Urban Trail & SD River Crossing detailed planning





# Feasibility Plan Development Process

## Phase 1: Prelim Planning

1.1: Startup/Research

1.2: Normal Heights Prelim Plan

## Phase 2: Inventory & Analysis

2.1: Existing Trails

2.2: Biology

2.3: Cultural

2.4: Haz Materials

2.5: Ownership

2.6: General Inv

2.7: Financial

## Phase 3: Concept Plans

3.1: Alternatives Eval

3.2: Coord Meetings

## Phase 4: Master Plan Preparation

4.1: Admin Draft 1

4.2: Final Plan

**SDRC Board Hearing**  
(Today)



# Questions

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## Transportation:

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## Environmental:

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## Education:

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