

Safe, Clean Water Program

Watershed Coordinators

Roles and Responsibilities



The Watershed Coordinators will be responsible for connecting potential applicants with technical resources and building inclusion and meaningful engagement in pursuit of SCW Program goals. Specific responsibilities of the Watershed Coordinators include, but are not limited to, the following:

- Work with Technical Assistance Teams to bring resources to potential Infrastructure Program Project Applicants;
- Work with Municipalities and Stakeholders to identify and develop Project concepts that may be elevated to the Watershed Area Steering Committees and Technical Assistance Teams to assist with development of Feasibility Studies;
- Identify and help leverage and secure additional funding sources for Regional Projects and Programs;
- Engage Municipalities, community groups, and other watershed Stakeholders to ensure diverse perspectives are included in planning and implementation of the Regional Program;
- Conduct community outreach to diverse communities, with an emphasis on disadvantaged communities;
- Provide leadership in community outreach efforts related to watershed planning;
- Facilitate collaborative decision-making between private and public entities to develop and implement actions that best address community priorities;
- Integrate community, Municipality, and regional priorities through partnerships and extensive networks;
- Organize public outreach events included in SIPs, such as workshops, demonstrations, community forums and restoration activities, to educate Stakeholders on stormwater-related topics;
- Serve as non-voting members of the Watershed Area Steering Committees for their respective Watershed Areas; and
- Collaborate with all other Watershed Coordinators and the District to help ensure consistency in implementation and to inform each other of effective efforts, outreach, and communication approaches, including sharing best practices and resources.

The Watershed Coordinator role and responsibilities include assisting to meet the requirements of the Safe, Clean Water Program Implementation Ordinance and the Los Angeles Region Safe, Clean Water Program Ordinance, both of which are codified in the LACFCD Code.



Sunset Crossing Park Multi-Benefit Stormwater Project

Technical Resources Program

City of Diamond Bar

Presented by Fabian Aoun



Project Overview

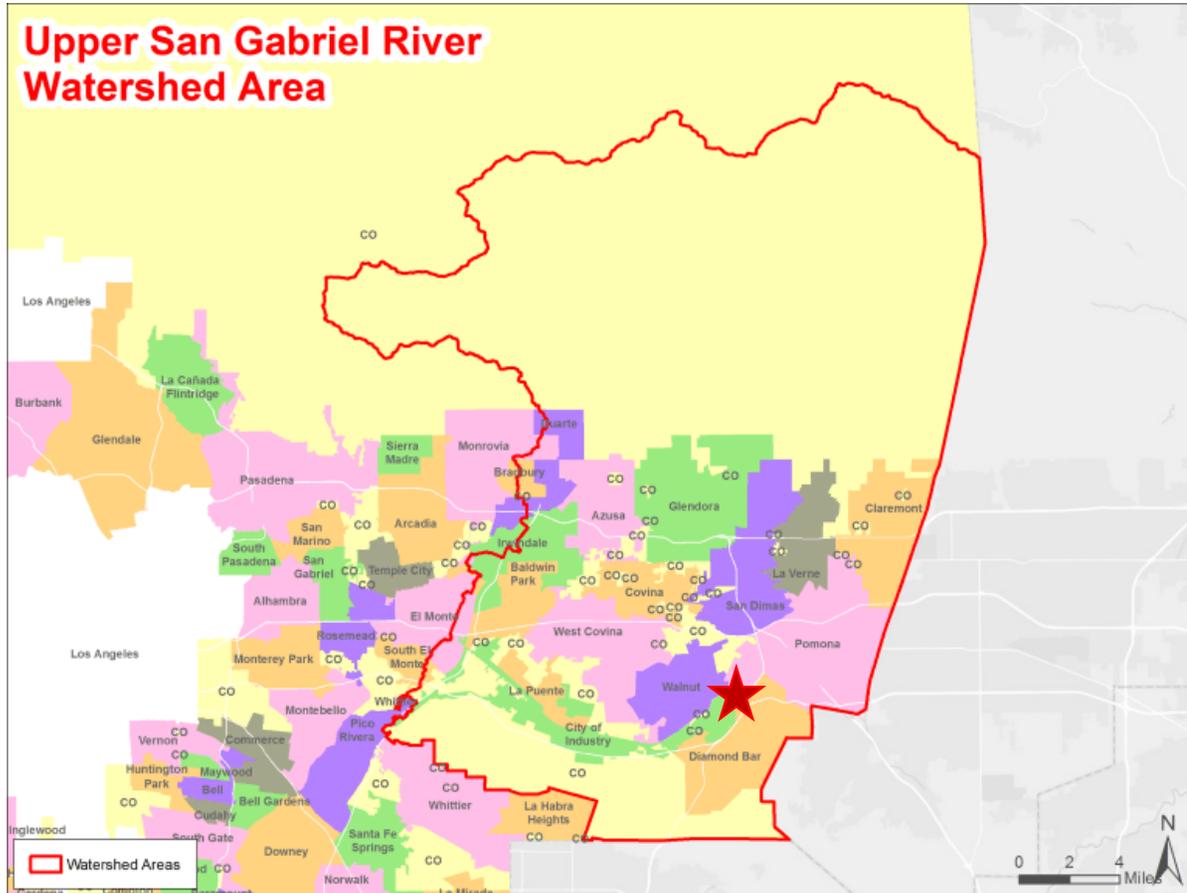
Feasibility Study for a regional, multi-benefit stormwater project at a proposed new park

- Primary and Secondary Objectives:
 - Improve water quality within San Jose Creek and San Gabriel River
 - Increase water supply (through capture and use, aquifer recharge, or reclamation)
 - Invest in community by creating a new park, including new facilities and bike paths
 - Benefit nearby and downstream disadvantaged communities
- Project Status: Conceptual
- Total Funding Requested: \$300,000 (Technical Resources Program)





Location

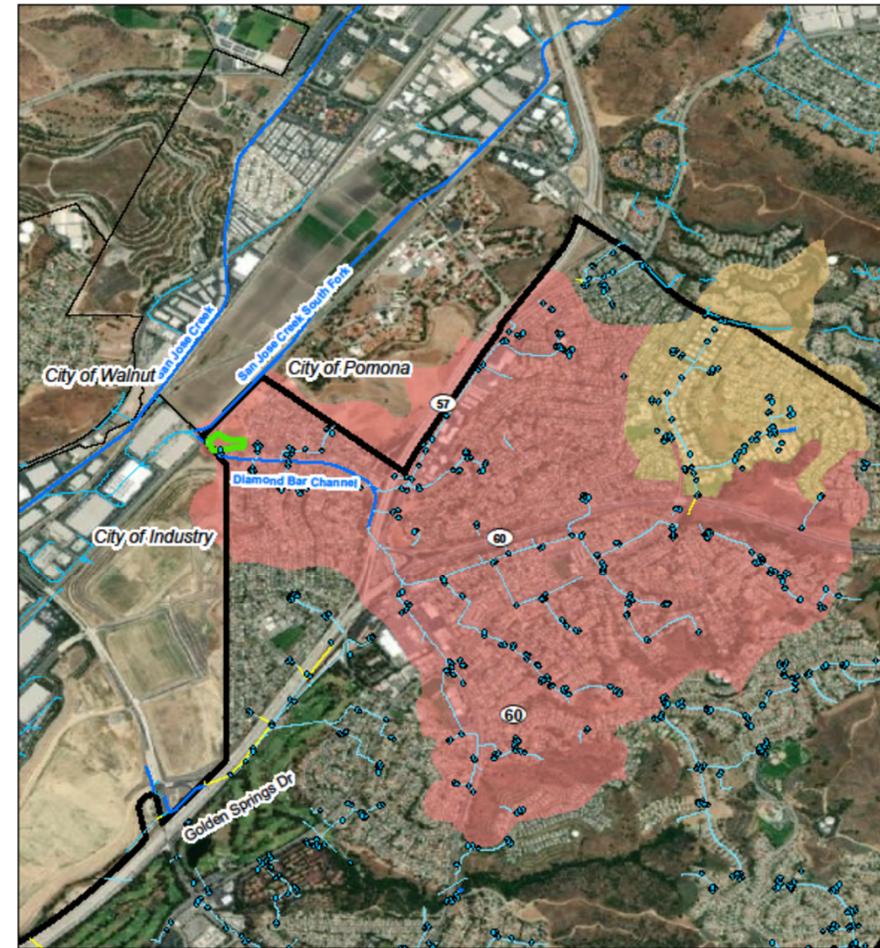


- **Location:** City of Diamond Bar bordering Pomona and the City of Industry, within the Upper San Gabriel River Watershed Area
- **Size:** 2.83-acres
- Acquired in 2017 with the intent to create new park space
- No existing parks within a 1-mile radius



Drainage Area

- **Drainage area of 1,623 acres**, including portions of Diamond Bar, Industry, and Pomona
- **Drains to Diamond Bar Channel:** tributary to San Jose Creek South Fork, San Jose Creek, and ultimately to San Gabriel River



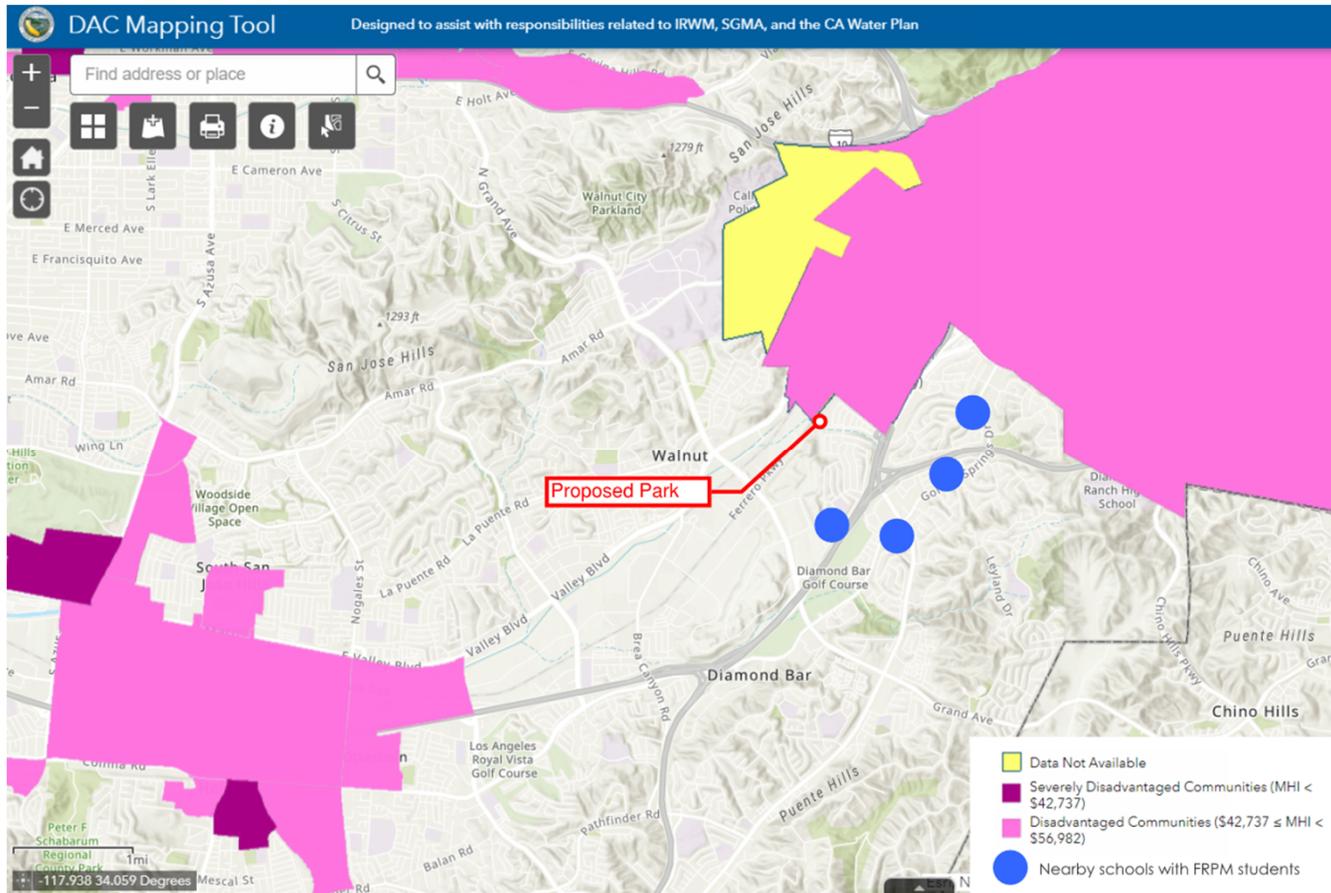
Diamond Bar Feasibility Study: Proposed Sunset Crossing Park

- | | |
|--|---------------------------|
| City of Diamond Bar | Open Channel |
| Proposed Sunset Crossing Park | Storm Drain System |
| Carlton J. Peterson Park Drainage Area | CALTRANS Storm Drain Line |
| Sunset Crossing Park Drainage Area | Diamond Bar Catch Basins |





Disadvantaged Communities



- Nearest DAC is 1.5 miles north of project
- Existing bike route provides access to proposed park
- The four (4) closest schools have 74% of students (948 kids) eligible for the State's Free or Reduced Price Meals Programs (FRPM)
- Project would benefit downstream DACs by improving their water quality



Bicycle Facilities



Diamond Bar Feasibility Study: Sunset Crossing Park - Bike Trails

- Proposed Sunset Crossing Park
- Existing Bike Facilities
- Proposed Bike Facilities
- Potential Future Bike Facilities





Background

- Project is identified in the Lower San Gabriel River Watershed Management Program (LSGR WMP)
- Site was purchased by the City in 2017 from the YMCA with the intent to construct a new park
- In 2019, discussion of integrating a stormwater regional project concept into the park plans began as the potential for funding through the SCWP became realized
- An infiltration study was conducted along with other standard geotechnical investigations, and discussions with neighboring municipalities followed
- A Feasibility Study is needed to investigate project alternatives and opportunities before fully moving forward with design

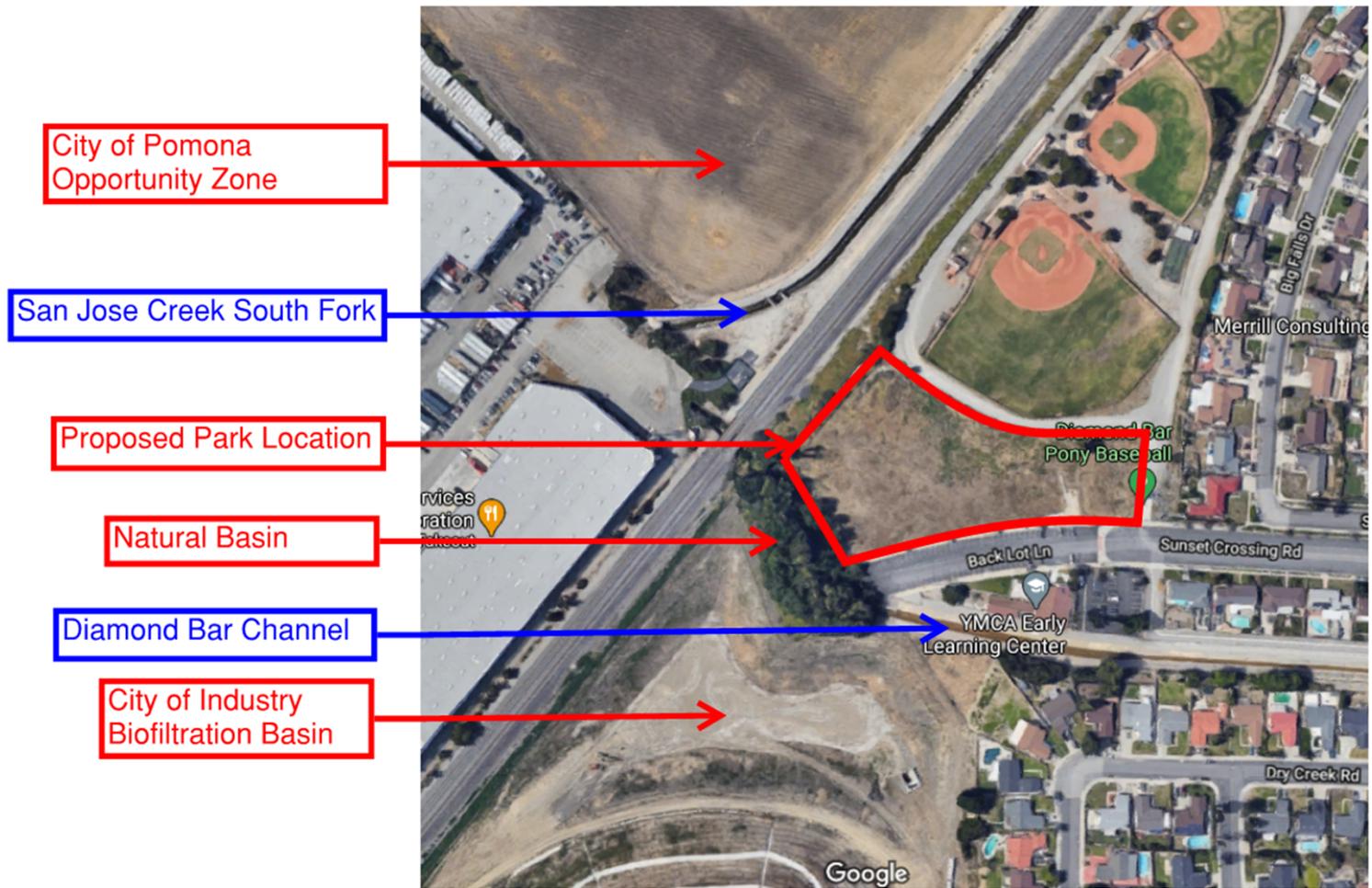


Project Details and Alternatives

- Depending on the outcome of the Feasibility Study:
 - Dry and wet weather flows from Diamond Bar Channel could be diverted to a regional project at the park, and diversion to nearby sanitary sewer lines will be explored
 - The project could enhance an existing, naturally occurring, vegetated basin that currently accepts both dry and wet weather flows from Diamond Bar Channel
 - The project could tie into an adjacent biofiltration basin in the City of Industry that has been constructed as the LID BMP for a large business center currently being developed
 - The project could accept drainage from a vacant 28-acre parcel designated as an opportunity zone in the City of Pomona
- Potential project collaborators include the City of Industry, City of Pomona, Caltrans, and the US Army Corps of Engineers



Site Overview





Existing Site Conditions



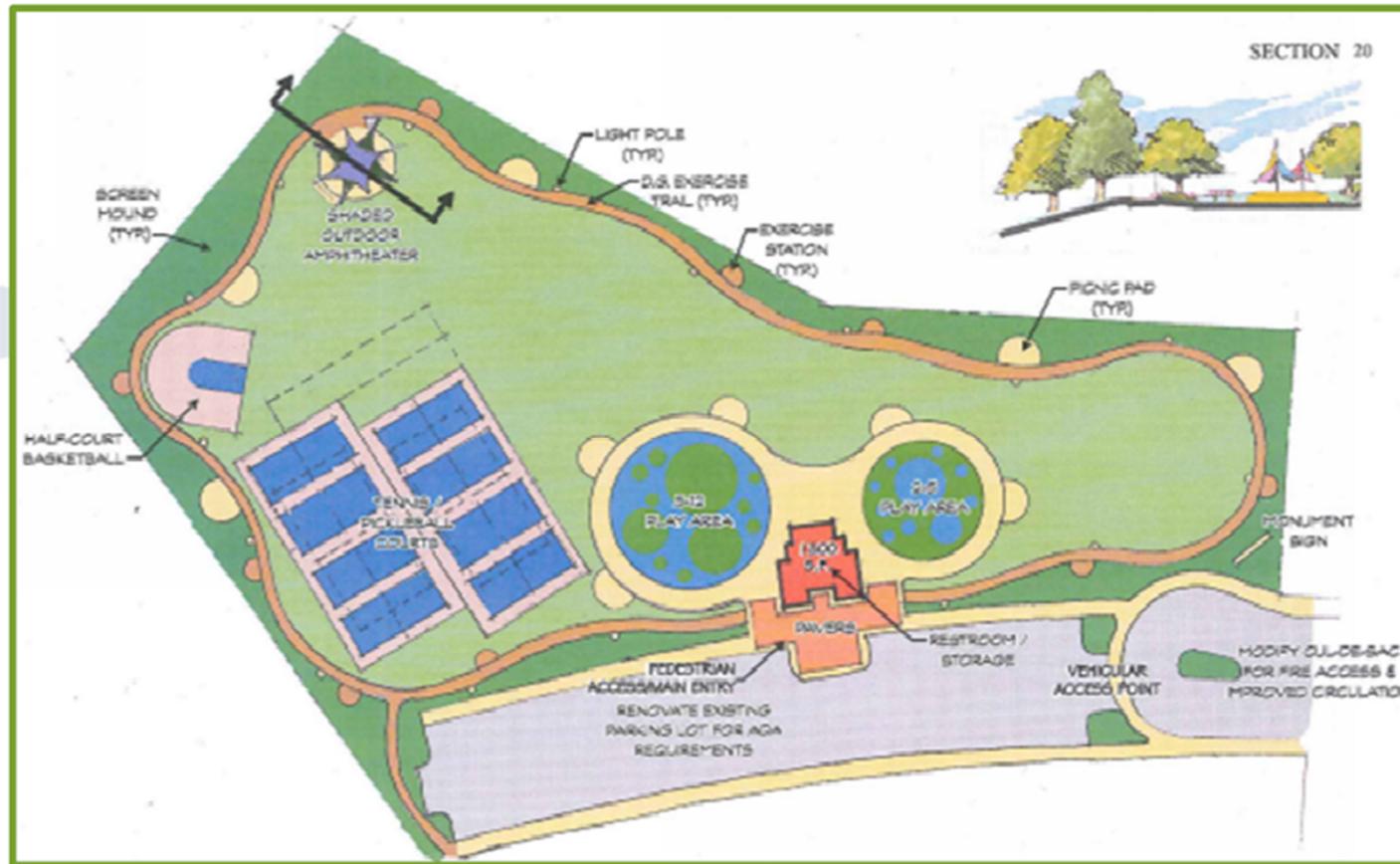
Project location



Naturally occurring basin that intercepts Diamond Bar Channel



Early Conceptual Design





Preliminary Cost Estimates & Funding Request

Capital Cost Breakdown	
Construction Cost:	\$ 15,000,000.00
Planning and Design Cost*	\$ 3,000,000.00

*Includes early concept design, pre-project monitoring, feasibility study development, site investigations, formal project design, intermediate and project completion audits, CEQA and other environmental impact studies and permitting.

Annual Cost Breakdown	
Annual Maintenance Cost:	\$ 50,000.00
Annual Operation Cost:	\$ 5,000.00
Annual Monitoring Cost:	\$ 5,000.00
Project Life Span:	50 years

- The current funding request is \$300,000 for the development of a project Feasibility Study
- Future funding requests could be made for construction, operations and maintenance, and monitoring



Water Quality Benefits

- The intent of the project is to **capture and treat stormwater and urban runoff from a large regional drainage area** before it reaches the storm drain system and eventually downstream receiving water bodies
- The project is adjacent to Diamond Bar Channel, which drains to San Jose Creek South Fork, San Jose Creek, and ultimately to the San Gabriel River at Reach 3
- San Jose Creek and San Gabriel River are impaired waterbodies. The project would provide water quality benefits by treating/retaining runoff before it reaches these waterbodies
- **Pollutants addressed** will include sediment, nutrients, trash, metals, bacteria, oil and grease, and organics



Water Supply Benefits

- The nexus between water supply and the stormwater and/or urban runoff will depend on the results of the Feasibility Study
- Water supply considerations include the following approaches:
 - If feasible, runoff may be infiltrated and recharge the Main San Gabriel Basin
 - Captured flows may be reused onsite to supplement park irrigation
 - Captured flows may also be diverted to existing sanitary sewer lines
 - Runoff may be stored in detention tanks and released outside of peak hours
 - Diverted runoff to the sanitary sewer may undergo wastewater treatment and may be distributed as reclaimed water



Community Investment Benefits & Nature Based Solutions

Community Investment Benefits:

- Improved flood mitigation
- New recreational opportunities and a new park in a “park poor” neighborhood
- Improved access to waterways through new walkways and bike paths
 - High potential for tie-in to the City's General Plan, the San Gabriel Valley Greenway Network Strategic Implementation Plan, and the Pomona Active Transportation Plan
- New and enhanced green space for nearby schools and disadvantaged communities
- Reduced heat island effect and increased shade through strategic vegetation

Nature Based Solutions:

- The project will **prioritize nature-based solutions** to the maximum extent feasible, likely through infiltration (e.g., underground chambers) or biotreatment (e.g., bioretention with underdrain facilities, constructed wetlands)



Leveraging Funds & Community Support

Leveraging Funds

- The City is actively exploring grant opportunities to leverage other sources of funding, including the Measure A Competitive Grants program through the Los Angeles County Regional Park and Open Space District and a Prop 68 Grant through the Statewide Parks Program

Community Support

- The City has conducted community engagement activities and has received substantial support and feedback from residents:
 - **Initial survey:** 232 online responses and 32 hard copy responses
 - **Community workshop:** Attended by 43 residents
 - **Online survey** regarding conceptual designs of the park: 208 responses
 - **Informational booth** at the Concert in the Park events: ~40 booth visitors
 - **Parks and Recreation Commission** meeting to present on the park concept plans and provide opportunity for feedback from the public
 - **City Council Study Session** to evaluate the park designs and alternative options based on community interests, the City's vision and goals, and budgetary constraints



Questions?