



Berkshire Creek Area Improvements Project

Hahamongna Watershed Park Advisory Committee Meeting

Tuesday, May 28, 2019

Pasadena City Yards
233 West Mountain Street, 2nd Floor
Pasadena, CA 91103





Presentation Agenda

1. Welcome and Introductions
2. Purpose of this Presentation
3. Project Overview
4. California Environmental Quality Act
5. Mitigated Negative Declaration**
6. How to Participate

****Public Review Period May 28-June 26, 2019**



Introductions

- Pasadena Department of Public Works
 - > Brent Maue, P.E., Assistant City Engineer
 - > Zac Smith, P.E., Project Engineer
 - > Rosa Laveaga, Landscape Architect
- Psomas (Environmental Consultant)
 - > Jillian Neary, Project Manager
 - > Marc Blain, Biological Resources Manager



Purpose of this Presentation

- Information Sharing
 - > HWP an important and cherished public resource
 - > Review components of Project
- Facilitating Public Review
 - > Purpose and process of CEQA
 - > Findings of Project analysis
 - > Participating in public review



PROJECT OVERVIEW



Project Components

- Restore and stabilize eroded channel
- Timber pedestrian/equestrian bridge
- Equestrian Picnic Area
 - > Remove asphalt and replace with permeable
 - > Native meadow



Project Components (cont.)

- Habitat restoration
 - > Riparian
 - > Oak woodland
 - > California sage scrub
- Interpretive signage

Provide a safer, more sustainable, park for all visitors



Creek Restoration Details

- Diversion chamber at existing 60" outfall
 - > Separate high flows (underground) and low flows (surface)
- Surface flows cascade down series of Arroyo stone grade control structures
- High flow outlet downstream of bridge



Existing Conditions



Existing 60" Outfall



Existing 30" Crossroad Culvert



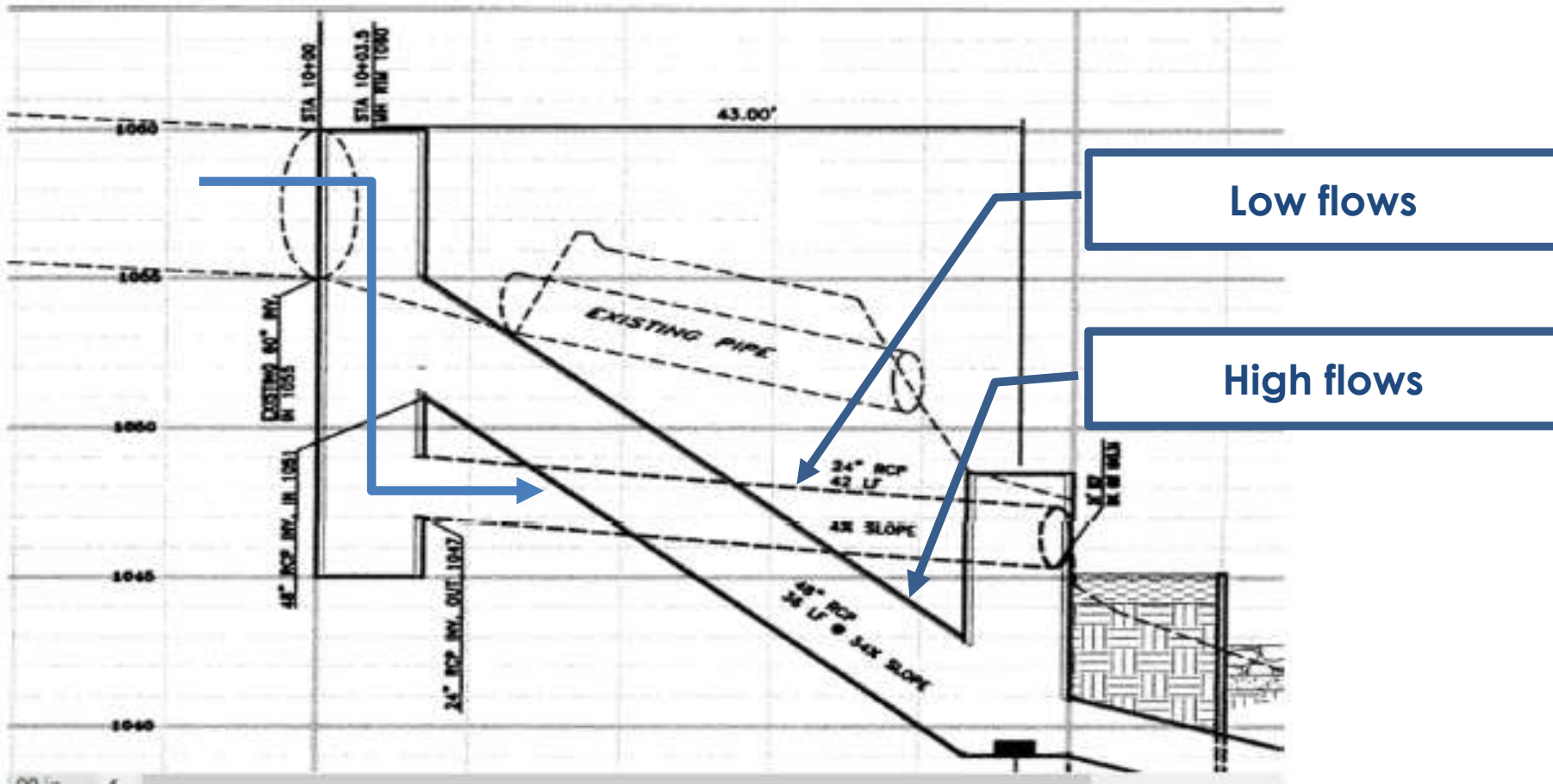
Existing Conditions (cont.)



Existing Channel Conditions



Diversion Chamber





Visual Simulations



Bridge Crossing Looking Northwest



Visual Simulations (cont.)



Bridge Crossing Looking East (Downstream)



Visual Simulations (cont.)



Equestrian Picnic Area Looking Southwest



CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)



What is CEQA?

- A process defined by the State to:
 - > Review projects systematically
 - > Inform decision-makers and the public about significant environmental effects
 - > Identify ways to reduce or avoid these effects



MITIGATED NEGATIVE DECLARATION (MND)



What is an MND?

- An MND is prepared when:
 - > Significant environmental impacts are identified
 - > Mitigation measures reduce all impacts to a less than significant level
- Considers cumulative conditions
 - > For this Project, includes Devil's Gate



CEQA Topics

- Aesthetics
- Agriculture & Forest Resources
- Air Quality
- **Biological Resources**
- **Cultural Resources**
- Energy
- Geology & Soils
- GHG Emissions
- Hazards & Hazardous Materials
- Hydrology & Water Quality
- Hydrology & Water Quality
- Land Use & Planning
- Mineral Resources
- Noise
- Population & Housing
- Public Services
- Recreation
- Transportation
- **Tribal Cultural Resources**
- Utilities & Service Systems
- Wildfire



Mitigation Measures

- Biological Resources
 - > Avoid nesting season
 - > Biological monitoring of all vegetation clearing
 - > Pre-construction bat habitat assessment
 - > If habitat identified implement steps to safely avoid bats
 - > Jurisdictional waters permitting to meet same biological values



Mitigation Measures (cont.)

- Cultural Resources
 - > Archaeologist monitoring of grading in native soil
- Tribal Cultural Resources
 - > Native American monitoring
 - > If Native American artifacts encountered, an archaeologist will evaluate the find



Project's CEQA Process

Public Review
May 28-June 26, 2019

City Reviews, Comments, and
Prepares Responses

City Council Hearing
(Anticipated July 2019)
*Public Testimony



How to Participate

- Provide **written** comments to Brent Maue by **5:00 PM, Wednesday, June 26, 2019**
 - > E-mail: BMaue@CityofPasadena.net
 - > Mail: Pasadena Public Works Department
100 North Garfield Avenue, 3rd Floor
Pasadena, California 91101
- MND can be viewed or downloaded at:
 - > <https://www.cityofpasadena.net/planning/category/environmental-notice/>
 - > [Pasadena Permit Center](#)
 - > [Linda Vista Branch Library](#)