

#### Welcome

- City of Calabasas
  - City Manager, Tony Coroalles
  - Alex Farasatti
- Consultant Team:
  - Jeff Peters, Questa
  - Rincon Consultants

The City of Calabasas received \$1.5M grant funding to implement Phase II creek restoration and trail improvements along Las Virgenes Creek between Agoura Road and El Encanto Drive. Work will include:

- Habitat Restoration and Erosion Control
- 2. Fish Passage Improvements
- 3. Trail and Environmental Education





Creekside Village-Phase I Restoration Location **Equity Office** SARATOGA RANCH **Stone Creek** Steeplechase Wright Middle School CALABASAS VIEW **Malibu Meadows** Fish **Passage Barrier El Encanto** 

Las Virgenes Creek Restoration Project – Phase II

Community Workshop August 6, 2015

### Phase 1 Restoration







## **Background Planning**

- 2007 Trails Master Plan
- 2030 Calabasas General Plan
- 2003 Las Virgenes Creek Restoration
- 2004 Pedestrian Plan
- 2010 Visioning Workshops

**Las Virgenes** Creek is a key habitat corridor and link to regional trails

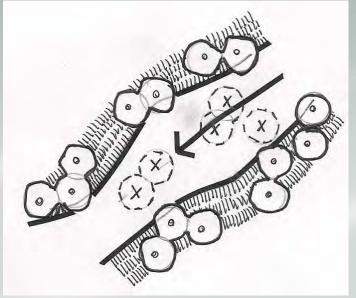


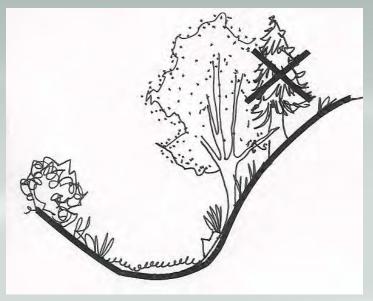
#### 1. Habitat Restoration and Erosion Control

- Debris/rubble removal
- Removal of non-native invasive species
- Thinning of limbs that block flood flows and trail clearance
- Repair of erosion sites
- Replant with native riparian species



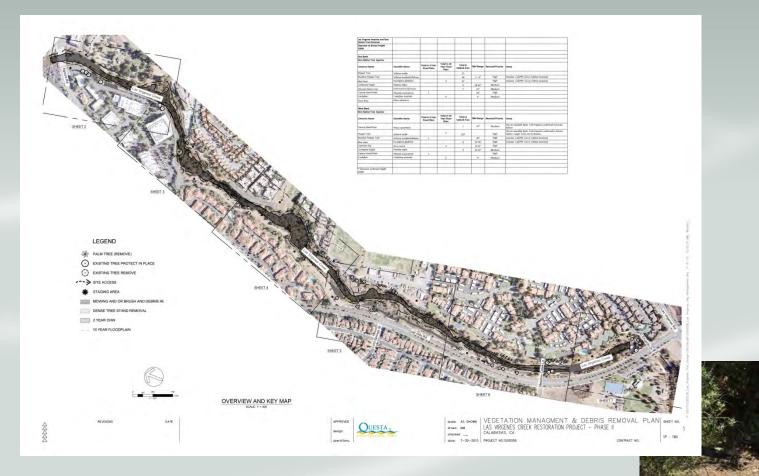






















# Vegetation debris to be removed for flood conveyance

















## 2. Fish Passage Improvements

- Remove failing wall south of Meadow Creek Lane, restore slope
- Install step pools for fish
- Install baffles on existing structure to allow fish movement
- Replant to provide shade to creek





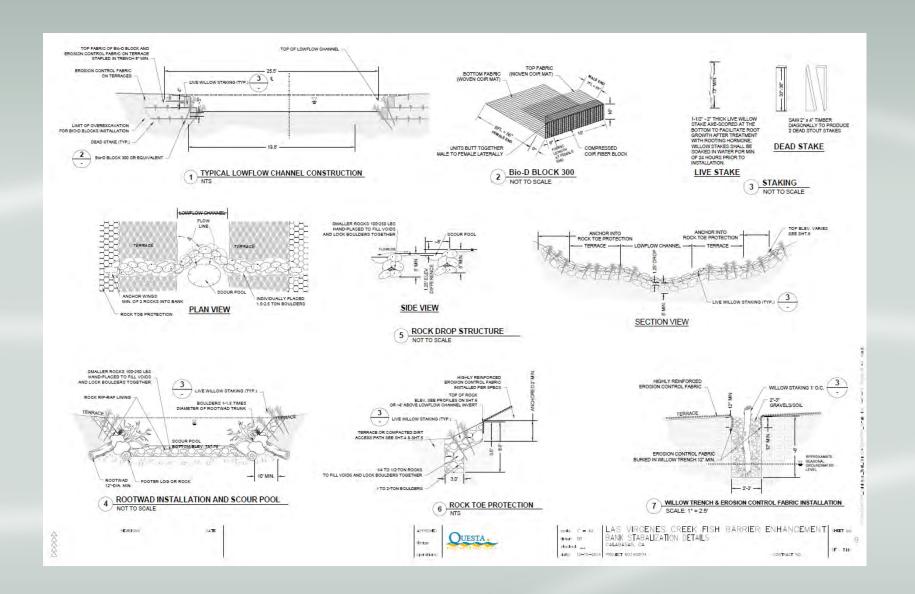




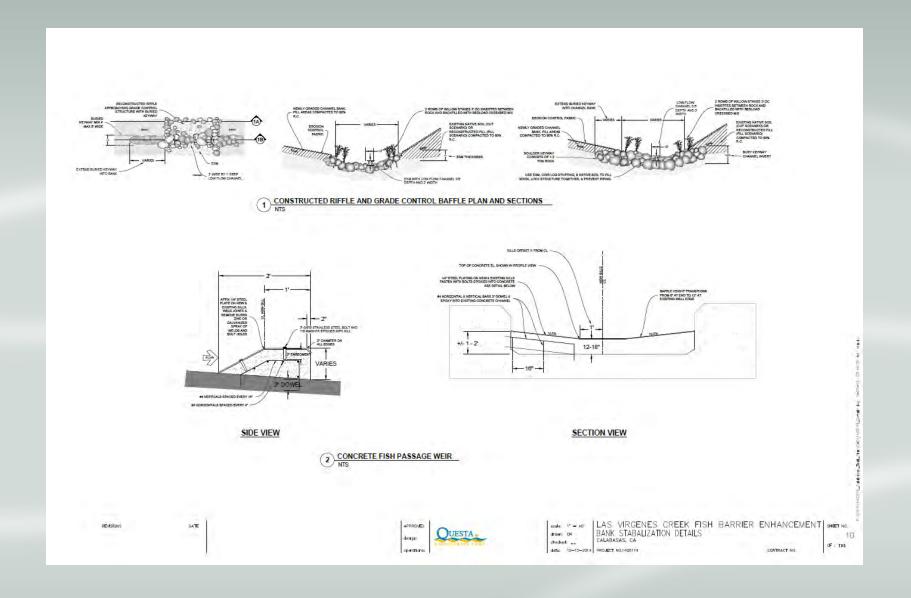












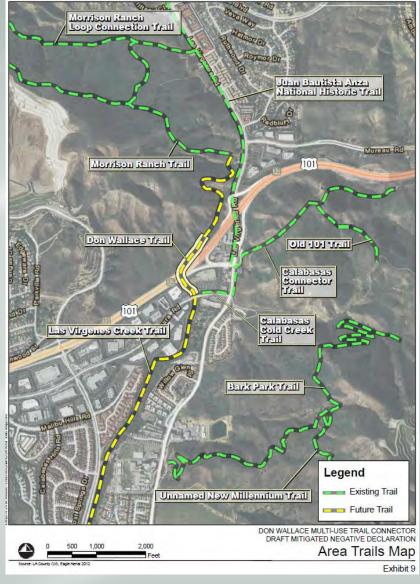


#### 3. Trails

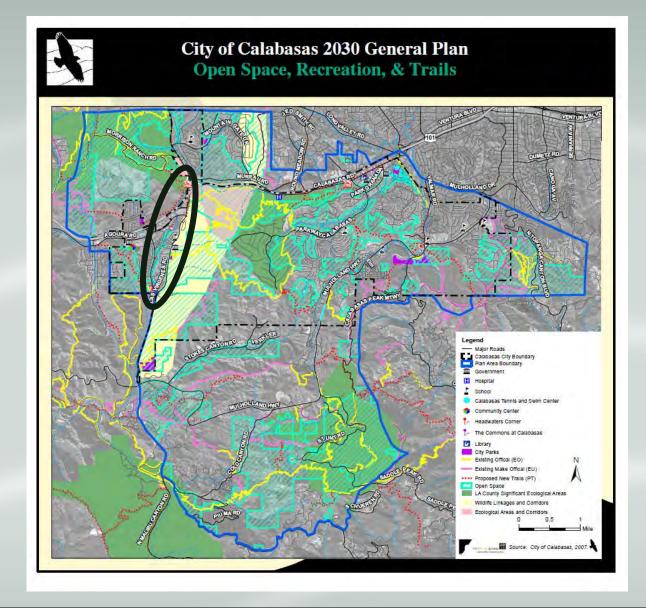
- Connect to existing and planned trails (Don Wallace)
- Complete trail consistent with adopted plans
- Incorporate environmental education areas
- Address privacy concerns







#### 2030 General Plan





### 2007 Trails Master Plan



- 2007 Blueprint for 10-year development of trails within the community
- Provide a continuous trail system that will incorporate trail connections to open spaces, public facilities, and nearby regional parks

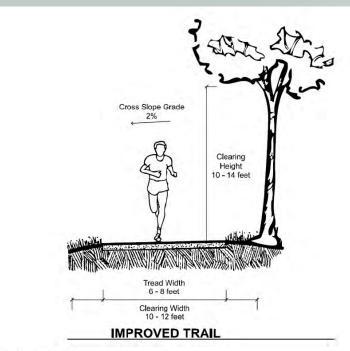


## 2010 Trail Visioning

- 100 participants provided input in two workshops
- Overwhelming support for trail
- Design guidance:
  - Serve joggers, bikers and equestrians if possible
  - Quiet and rustic retreat
  - Wood benches, tables
  - Boulder seating
  - No/limited lighting, fencing
  - Natural landscape



## Trail Types



#### Preferred Standards:

Tread Width 6 -10 feet Clearing Width 10 -12 feet

Tread Surface Crushed rock, decomposed granite or asphalt Percent Grade Grades should not exceed 10 percent

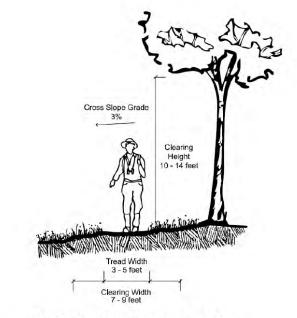
Desired Grade: 0 to 5 percent

Maximum Grade: 0 to 10 percent (sustained, 15 percent

(shorter than 50 yards)

Clearing Height Cross Slope Grade: 2 percent (maximum)

10 – 14 feet to allow for equestrian use



#### NATURAL (OPEN SPACE) TRAIL

#### Preferred Standards:

Tread Width 3 – 5 feet
Clearing Width 7 – 9 feet
Tread Surface Natural/native soil

Percent Grade Grades should not exceed 10 percent

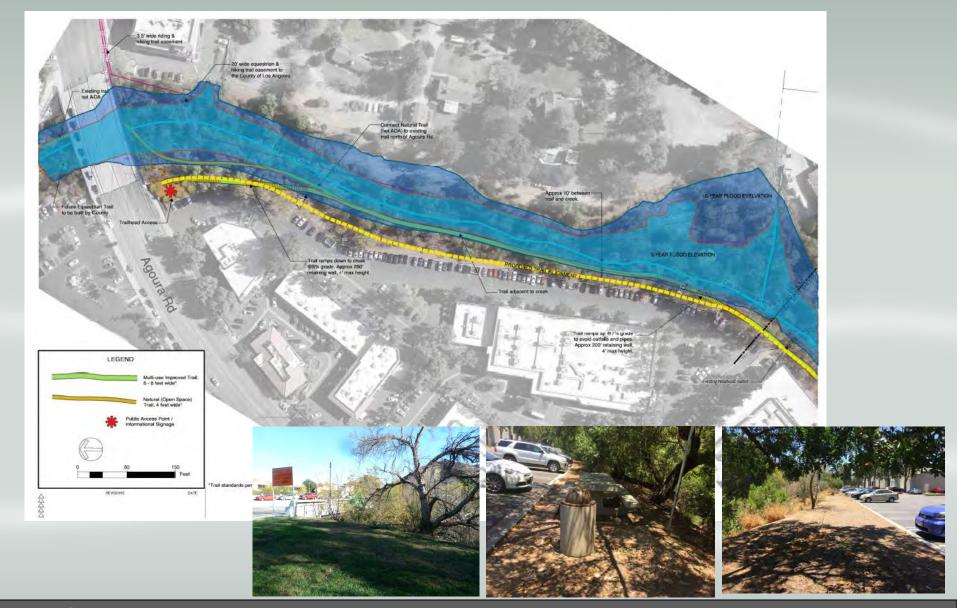
Desired Grade: 0 to 5 percent

Maximum Grade: 5 to 10 percent (sustained, 15 percent

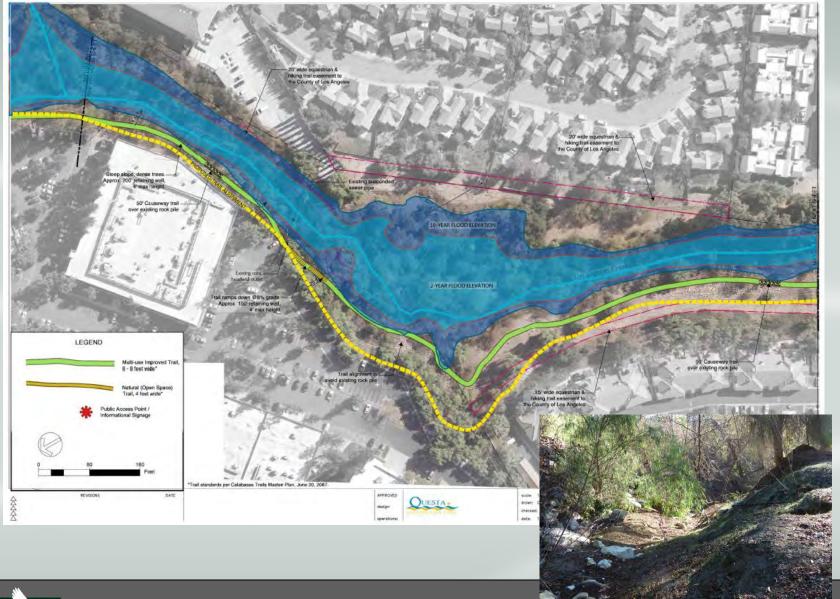
(shorter than 50 yards)

Cross Slope Grade: 3 percent (maximum)
Clearing Height 10 – 14 feet to allow for equestrian use

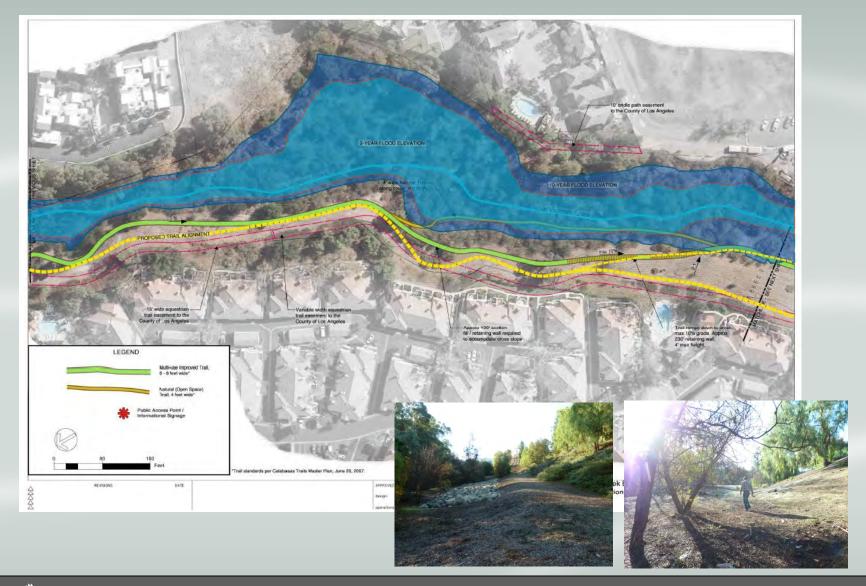








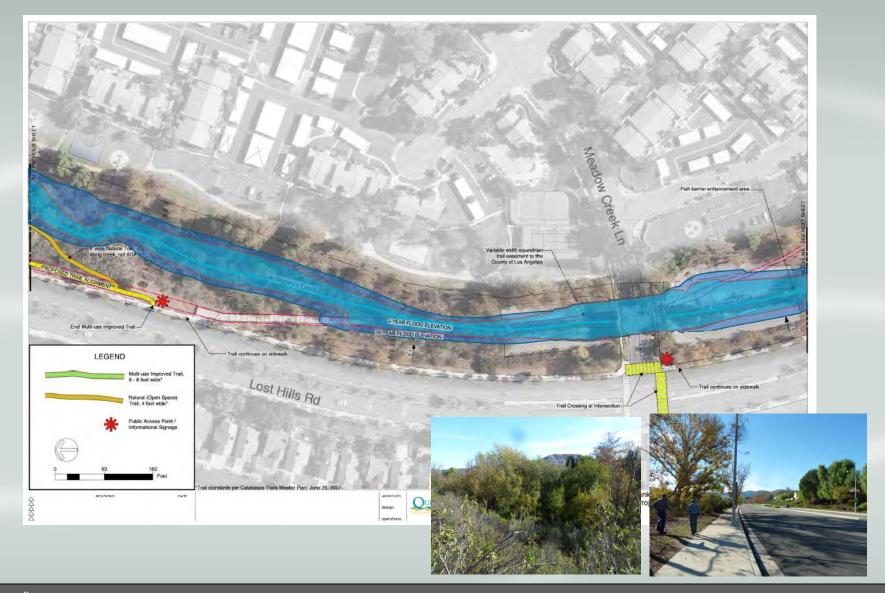




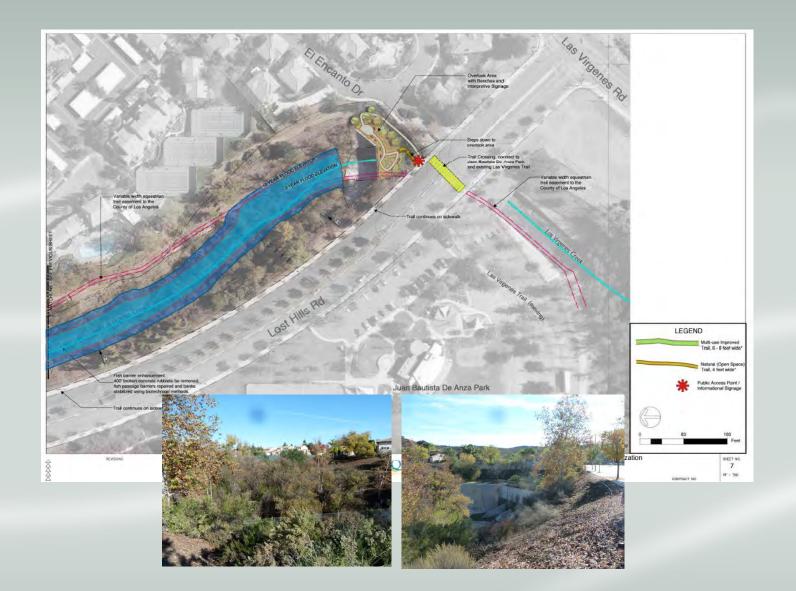














#### **Environmental Education**





Las Virgenes Creek

Trash, Recycling, Compost

match trail enty north of Agoura Rd

Native Tree Typ.









Gathering Area with Benches and Rock or Stump Seating

Interpretive Panels, Typ

EL ENCANTO DE



Native Planting, Typ



Wood Picnic Tables Crusher Fines Paving or Other Accessible Surface, Typ.

Native Planting, Typ

Existing Native Tree to Remain, Typ. Crusher Fines Paving or Other Accessible Surface, Typ.

Trash, Recycling, Con

Steps Leading Down

Crosswalk to connect to Jan Bautista De

## Privacy Concerns

Ventura County Sheriff's Department:

- Arroyo Simi
   Trail
- Camarillo Trail









### Next Steps

- Plan and Permit Approval
- Secure additional grant funding to complete work (estimated \$2.5M)
- Continue community support (petition)
- Implementation:
  - Vegetation Management Winter 2016
  - Trails, environmental education, erosion control & fish passage, December 2016

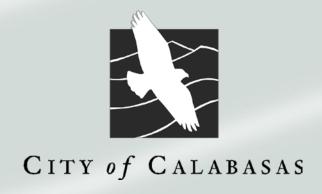
#### **Contact Information:**

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Website: www.cityofcalabasas.com

## **Questions and Comments**



Thank you!