City of Santa Clara
Trail Network Expansion
Feasibility Study
Calabazas Creek, Saratoga Creek and Hetch Hetchy Corridor

conducted by
Sokale Environmental Planning
in collaboration with
Hill Associates
Cotton Shires and Associates
Hexagon Transportation Consultants

May 31, 2011
Study Corridor Locations
Investigations Undertaken:

• Assess Land Availability
• Review Development Agreements & Approved Plans
• Evaluate Habitat Sensitivity & Listed Species
• Investigate Bridges Crossings
  – 23 Bridges on Calabazas Creek
  – 11 Bridges on Saratoga Creek
• Investigate Hetch Hetchy Crossings
  – 8 Roadway and Creek Crossings
Land Availability

- Ownership
- Easements
- Mitigation Sites
- Top of Bank Width
- Existing Vegetation
- Maintenance Access Requirements - SCVWD
- Utility Conflicts
• Calabazas Creek Trail Underpasses Feasible
  - Highway 237
  - Old Mtn. View-Alviso Road (road reconstruction)
  - Tasman and LRT
  - Scott Boulevard
  - Kifer Road
  - Machado Avenue
  - Warburton Avenue

• Saratoga Creek Trail Underpasses Feasible
  - Cabrillo Avenue
  - Benton Street
  - Kiely Boulevard (road reconstruction)
  - Homestead Road

Trail Underpass Feasible

No Potential for Trail Underpass
Conceptual Design Evaluations:

• Identify conceptual design solutions for providing grade-separated trail underpasses, overpasses or tunnels

• Assess trail interface with on-street bicycle and pedestrian facilities

• Meet with jurisdictional agencies to evaluate feasibility and explore partnership opportunities
  – SCVWD
  – Caltrain
  – Sunnyvale
  – SF PUC, planned
Calabazas Creek Feasibility

Trail Feasible from:
• SF Bay Trail to Monroe Street
• Calabazas Blvd. Bike Lanes with potential for future creek restoration and trail
• Pomeroy to Benton Street

Alignment would include:
- 2 Overpasses
  - Highway 101 & Central Expway
- 5 Underpasses
- 1 Tunnel at Caltrain
- 3 Pedestrian/Bicycle Bridges
  - 1 Existing at Hetch Hetchy
Calabazas Creek - SF Bay Trail to Highway 101

- **Trail Underpasses**
  - Highway 237
  - Old Mtn. View-Alviso Road
  - Tasman and LRT
- **Pedestrian Overcrossings**
  - Highway 101
- **At-Grade Connections**
  - San Francisco Bay Trail

**Connections to:**
- Bay Trail
- Hetch Hetchy Trail - Sunnyvale (existing) and Santa Clara (future)
- Mission College
Highway 101 Pedestrian/Bicycle Overcrossing
Highway 101 Pedestrian/Bicycle Overcrossing
• Trail Underpasses
  - Scott Blvd.
  - Kifer Road
• Pedestrian Overcrossings
  - Central Expressway
• Tunnels
  - Caltrain
• At-Grade Connections
  - Monroe and Calabazas Blvd.

• Connections to:
  - Businesses, Residential
  - Lawrence Caltrain Station
  - City of Sunnyvale
  - Wilcox High School
Central Expressway Overcrossing
Kifer Road Trail Underpass
Calabazas Creek-Wilcox to Carmichael Park

- At-Grade Crossings
  - All Associated with Calabazas Blvd. Bikeway
  - Pomeroy Avenue
  - Benton Street

- Connections to:
  - Residential Neighborhoods
  - Businesses on El Camino
  - Pomeroy Elementary School
  - Carmichael Park
  - Santa Clara High School
Saratoga Creek Feasibility

1. EXISTING TRAIL SYSTEMS

2. PROPOSED TRAIL SYSTEMS

EXISTING TRAILS

- EXISTING TRAIL SYSTEM

CORRIDOR FEASIBILITY

- PROPOSED CLASS I CREEK SIDE TRAIL
- CONSTRAINED/ LIMITED FEASIBILITY
Trail Feasible from:

- Cabrillo Avenue to Raggio Avenue
- Benton Street to Forbes Avenue

Alignment would include:

- 2 Underpasses - 1 associated with a bridge reconstruction
- 2 Pedestrian/Bicycle Bridges
• Creek Trail Potential from Cabrillo to Raggio

• At-Grade Crossings
  - Cabrillo Avenue

• Connections to:
  - Residential Neighborhoods
  - Businesses on El Camino
  - Cabrillo Middle School
  - Bowers Elementary School
  - Youth Center/Skate Park
  - Bowers Park
• Creek Trail Potential from Benton to Forbes

• At-Grade Connections
  - Benton Street
  - Forbes Avenue

• Trail Underpasses
  - Kiely Blvd.
  - Homestead Road

• Connections to:
  - Residential Neighborhoods
  - Millikin Elementary School
  - Sutter Elementary School
  - Swim Center/Library
  - Central Park
  - Homeridge Park
Trail Feasible from:
- Calabazas Creek Trail to Guadalupe River Parkway
- Lafayette/UPRR crossing still under study.

Alignment would include:
- Grade-separated crossing at UPRR
- Intersection Improvements at Lick Mill Blvd., Great America Parkway, Old Ironsides and Patrick Henry
Hetch Hetchy-Guadalupe to Calabazas
### Hetch Hetchy-Guadalupe to Calabazas

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<thead>
<tr>
<th>At-Grade Crossings</th>
<th>Connections to:</th>
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<tr>
<td>- Lick Mill Blvd.</td>
<td>- Guadalupe River Parkway</td>
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<td>- Great America Parkway</td>
<td>- Calabazas Creek Trail</td>
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<td>- Old Ironsides Drive</td>
<td>- ACE and Capital Corridor Rail Lines</td>
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<td>- Patrick Henry Drive</td>
<td>- Ulistac Nature Reserve</td>
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<td>- Youth Soccer Park</td>
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<td>- Great America</td>
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<td>- Convention Center</td>
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<td>- Proposed 49ers Stadium</td>
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<td>- Many Tech Businesses</td>
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<td><strong>Tunnels</strong></td>
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<tr>
<td>- Lawrence Expressway/UPRR Rail Corridor</td>
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<td>(still under study)</td>
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Corridor Feasibility Summary
Next Steps

- Hold Public Meeting for the Business/Industrial Area
  - Draft Feasibility Report
  - Continue Outreach to Agencies
  - Final Feasibility Report
Your feedback will help shape the trail network.