

# Bear Canyon Creek - Reach 1

## Possible Mitigation Measures with Existing Condition Photographs



### Legend and Description of Mitigation Measures

- City Limits
- Creek
- Ditch
- Spill Control
- Debris Management Areas**
  - Selectively regrade to receive debris during flood events
  - Selectively regrade to provide channel capacity
  - Locate regarding upstream
  - Clear existing sediment and debris from channel
  - Place berms as necessary to provide spill control
  - Provide maintenance access
  - Restore stable channel gradient
- Floodplain Connection and Storage Areas**
  - Remove invasive species
  - Selectively regrade area to provide flood storage
  - Reconnect floodplain to improve channel stability
  - Revegetate with diverse, native species
  - Restore riparian ecosystem
- Channel Stabilization Assessment Areas**
  - Restore stable channel gradient
  - Provide capacity for flood events
  - Restore aquatic ecosystem

- Crossing Capacity Improvement Area**
  - Possible culvert enlargement
  - Improved inlet and outlet conditions by removing existing sediment and debris
- Wildwood Road Culvert**
  - Clear blocked cell
  - Restore channel upstream and downstream
  - Install culvert fins on upstream side
  - Install debris deflector increase culvert size
- Old Farmers Crossing at Ithaca and Wildwood**
  - Remove culvert to allow flows to pass through unobstructed

0 50 100 200 300 400 500 Feet

