



Restoration of Lake Forest Creek

FMA Conference
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WOOD RODGERS

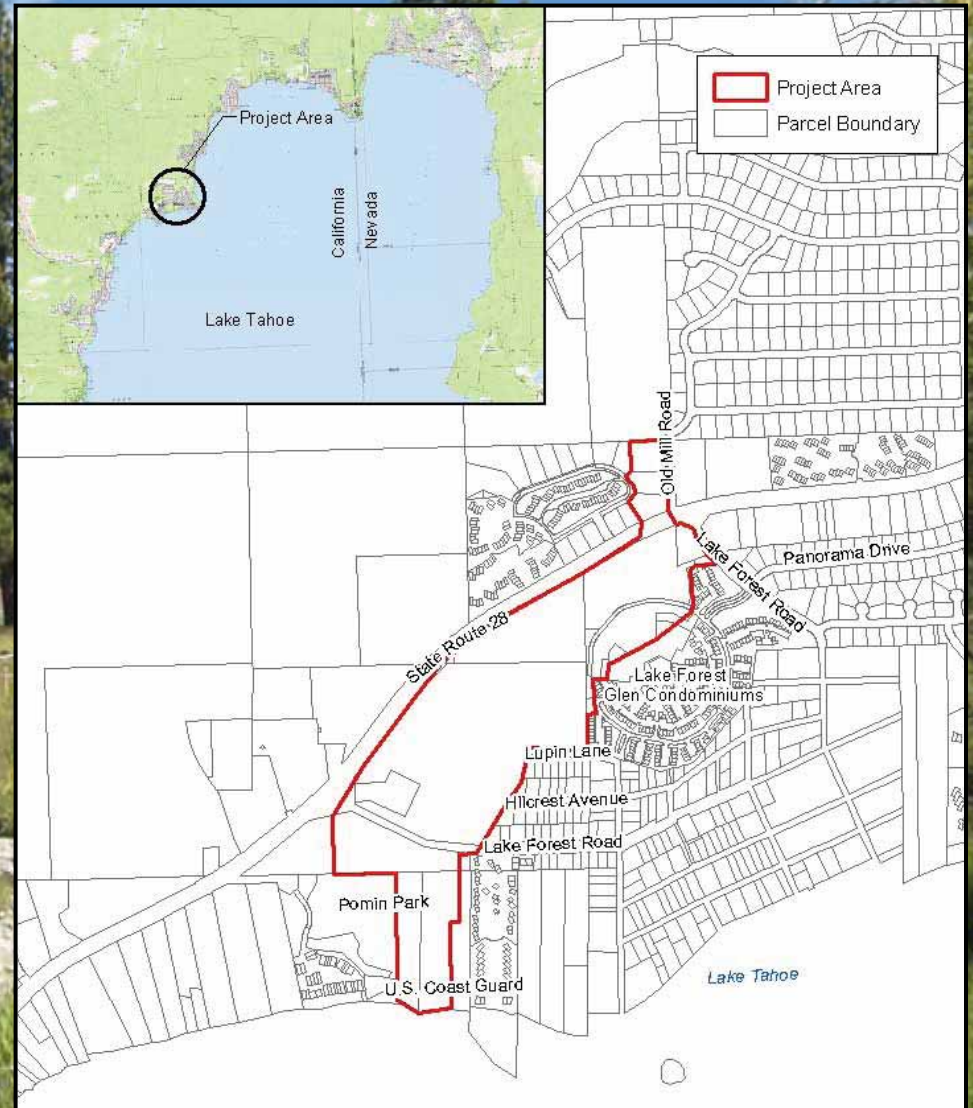


Brian Stewart, P.E.



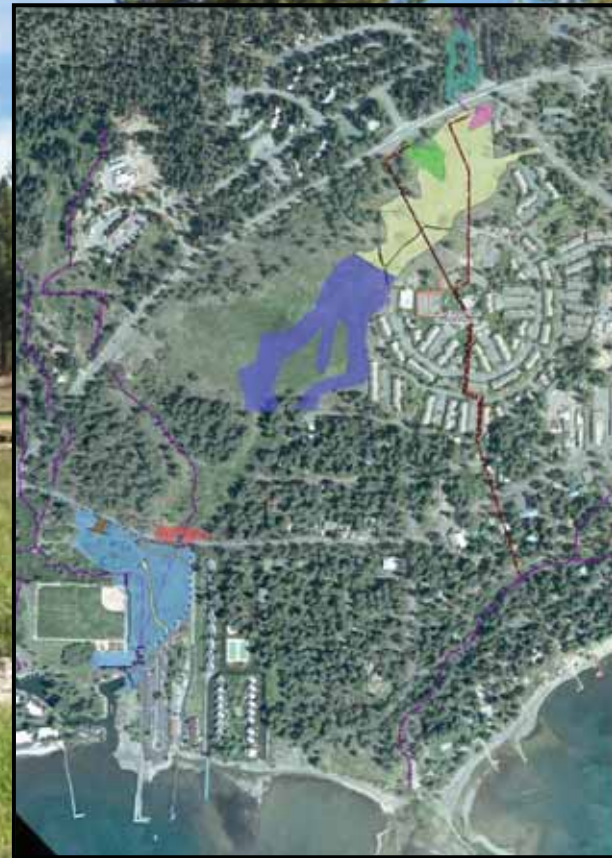
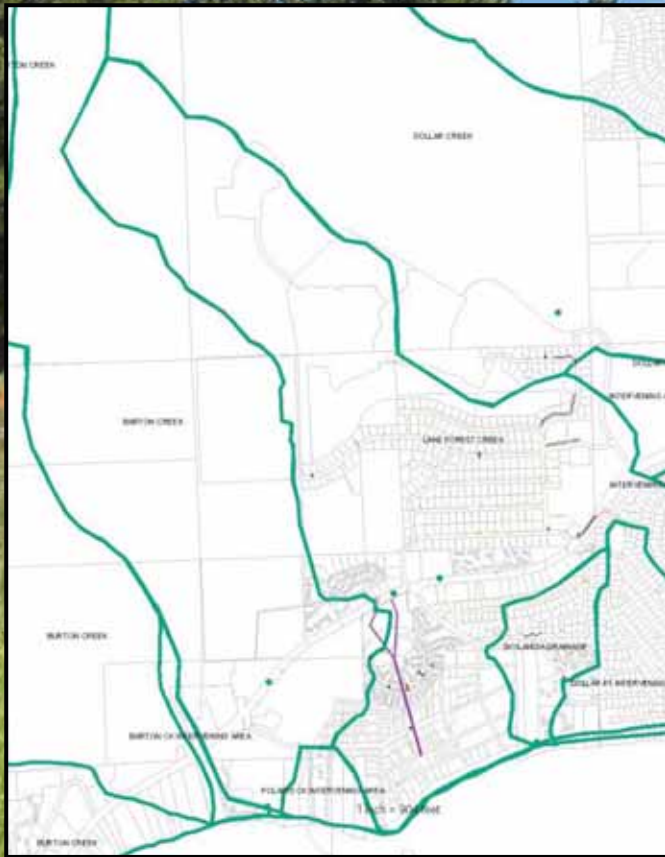
Outline

- Background/Purpose of Project
- Project Objectives
- Project Constraints
- Construction Methods
- Status of Project



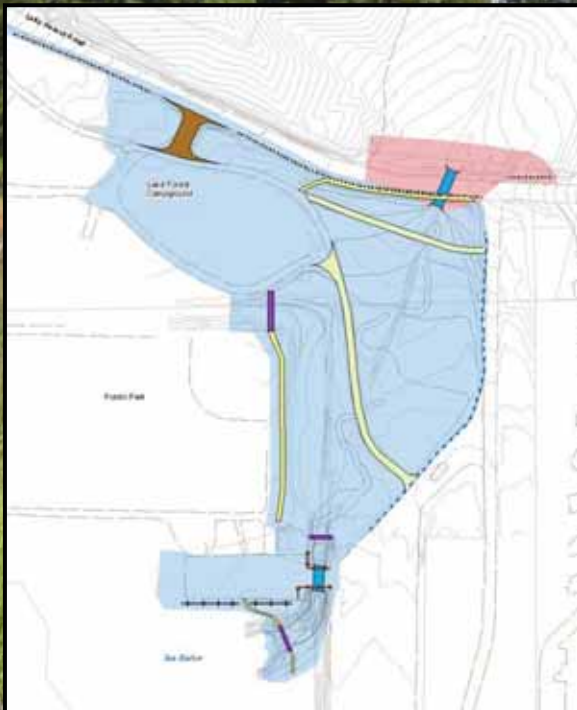
Project Background

- Lake Forest Creek was diverted in 1960s-abandoned meadow
- Project diverts directly connected runoff back into historic meadow flow path



Multi Objective Project

- Objectives
 - Improve Water Quality
 - Restore Ecosystem and Riparian Habitat
 - Enhance Recreation
 - Provide Flood Control
- Multi-discipline design approach



Constraints

- Protect infrastructure
 - Utilities
 - Housing
 - Recreation facilities
 - Roads
- Flood protection issues- during and post project
- Construction methods
- Cost



Design/Construction Methods

- Three season construction
- Significant on-site management
- Low flow channel, connected floodplain
- Micro site-specific construction methods



- Sod harvesting, willow planting
- Flow diversion/turbidity curtain during construction
- Irrigation for 2-years



Status of Project



Status of Project



Status of Project

