



## Zephyr Cove Water Quality Improvement Project

<b>Project Number</b>	01.01.01.0094		
<b>Action Priority</b>	Reduce Stormwater Pollution From: Roads and Highways, Forest Roads, Public and Private Parcels		
<b>Implementers</b>	Nevada Tahoe Conservation District, Douglas County, NV, Nevada Department of Transportation		
<b>Supporting Agencies</b>	Nevada Department of Transportation, Nevada Division of Environmental Protection, Nevada Tahoe Resource Team – Nevada Division of State Lands, U.S. Forest Service - Lake Tahoe Basin Management Unit		
<b>Primary Contact</b>	Meghan Kelly (mkelly@ntcd.org)		
<b>Stage</b>	Completed	<b>Duration</b>	2013 - 2017
<b>Total Project Cost</b>	\$960,705	<b>Funding Request</b>	\$0

### Stormwater Management Program ➤ Reduce Stormwater Pollution From: Roads and Highways, Forest Roads, Public and Private Parcels

Untreated or under-treated stormwater is being directly discharged to the Lake. The project installed 950' of conveyance pipe to connect 2 highway catchments to a new infiltration basin designed to reduce fine sediment particles, nitrogen and phosphorus delivery to Lake Tahoe. The project also stabilized 2 eroding beach outfalls and provided infiltration where possible.



Large basin to collect up to the 10 year storm from Hwy 50

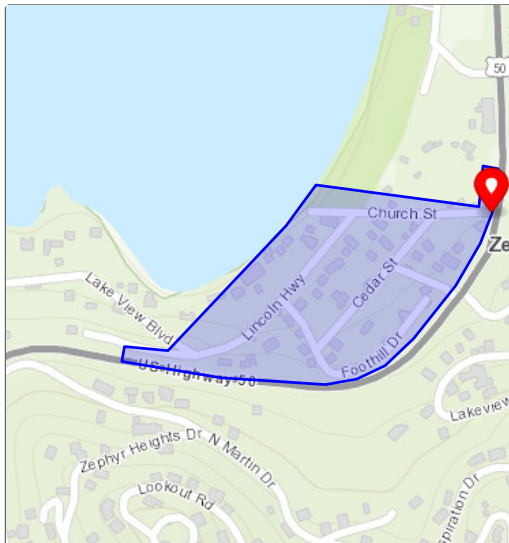
#### Targeted Performance Measures

- Miles of Roads Decommissioned or Retrofitted

#### Threshold Categories

- Water Quality

#### Location



#### Targeted Funding

- Secured Funding: Nevada Department of Transportation (NDOT), \$390,000
- Secured Funding: Nevada Division of Environmental Protection (NDEP), \$105,705
- Secured Funding: Southern Nevada Public Utilities (USFS - LTBMU), \$315,000
- Secured Funding: Tahoe Bonds Act (NDSL), \$150,000

## Photos

### Before



Foothill outfall



Church outfall

### During



Construction of a 8500 cf infiltration basin



Installation of 950 feet of stormdrain pipe

### After



Foothill outfall pavers



Foothill outfall