

# Coyote Valley US-101 Culvert Maintenance & PM 20.98 Fence Realignment and Jump-out

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# 2016

Santa Clara County Wildlife Corridor Technical Working Group (SCCWCTWG) formed.

SCCWCTWG worked with Caltrans to get blockages removed from two US-101 culverts, Post Mile (PM) 20.98 and PM 24.27.

**PM 20.98**



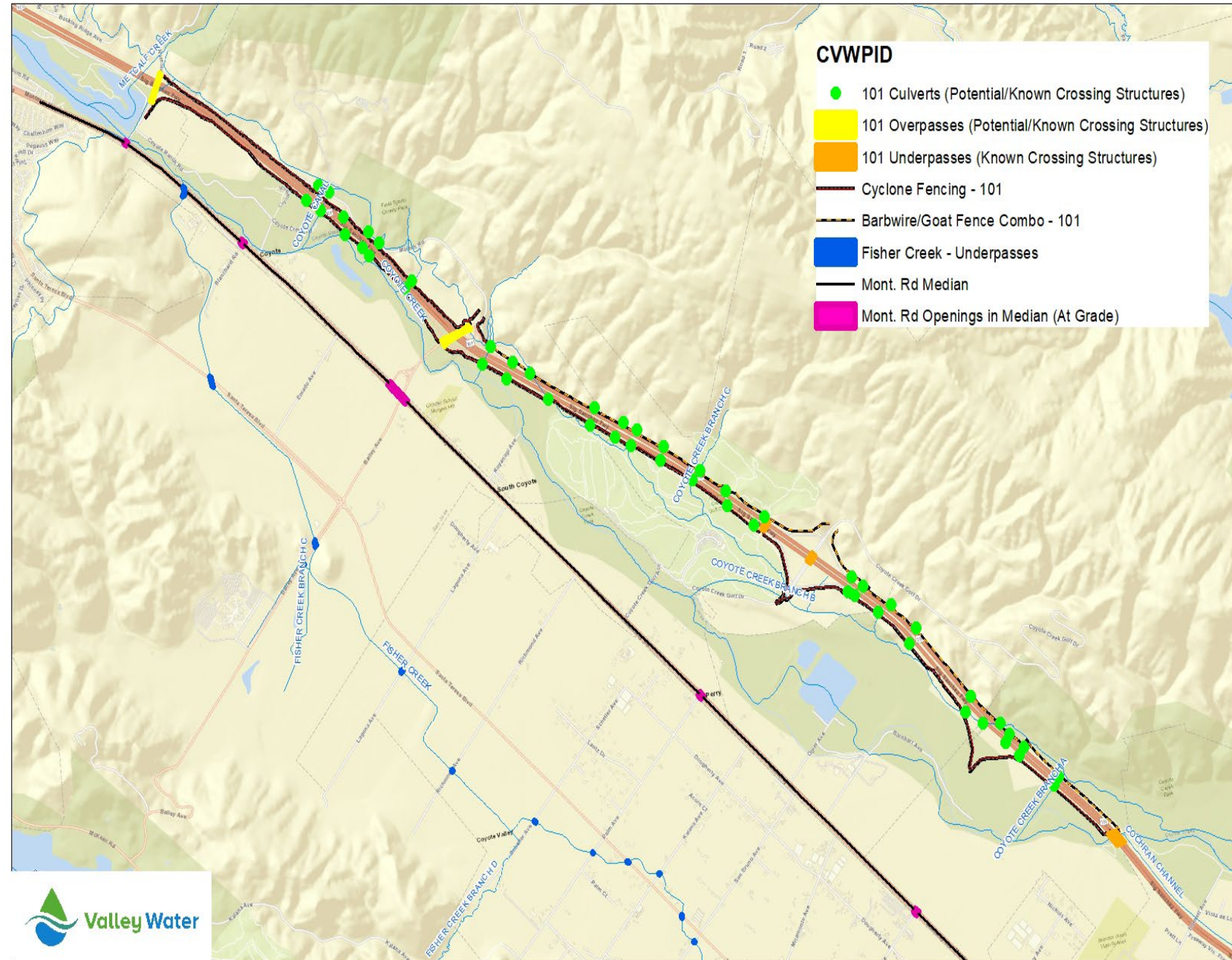
**PM 24.27**



Photo Credits: Pathways for Wildlife

# 2017

Valley Water created the Coyote Valley Wildlife Permeability and Infrastructure Database (CVWPID) on behalf of the SCCWCTWG. In addition to mapping potential crossing structures and potential barriers, it documented the status of US-101 culverts (e.g., clear, partially blocked, or completely blocked).







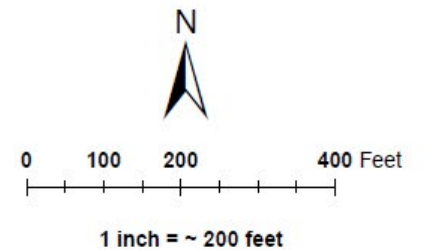
# 2018

Valley Water initiated a Safe, Clean Water Priority D2 restoration site on Valley Water property at the west side of the PM 20.98 culvert.



**Coyote Valley Wildlife Corridor  
Enhancements Project  
- PM 20.98 Culvert**

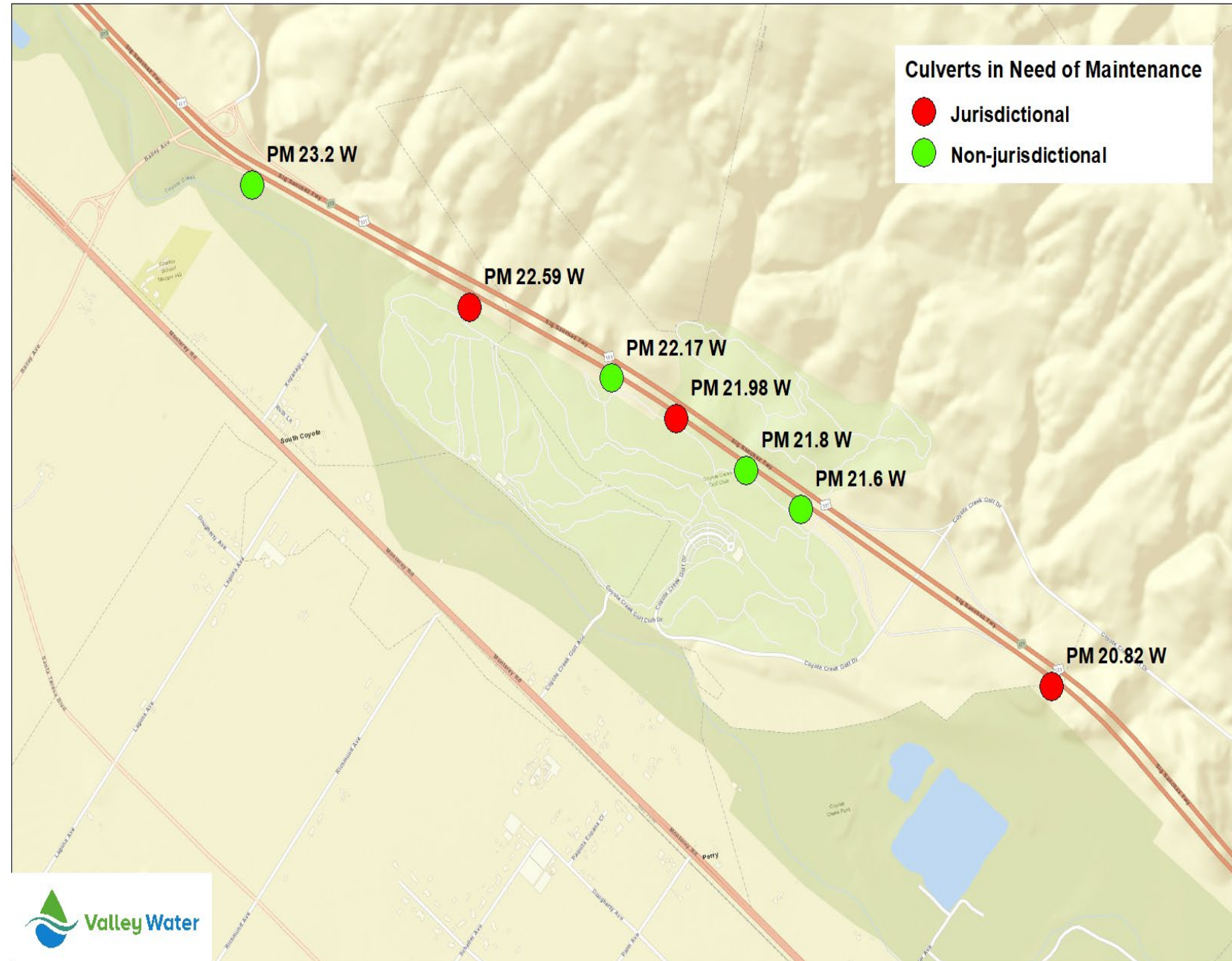
-  PM 20.98 Culvert
-  Valley Oak Planting Basins (.001 acres)
-  Removal Areas - Herbaceous Invasives (0.5 acres)
-  Land Parcels



# 2020-2022

Utilizing the CVWPID, seven additional culverts preventing or hindering wildlife use were identified for maintenance.

Santa Clara Valley Habitat Agency and Valley Water staff assisted Caltrans Environmental with jurisdictional delineations to determine which culverts would require permits to perform the maintenance.



# 2023

Maintenance of non-jurisdictional culverts was performed.

Preventative maintenance was performed to clear the dissipator walls at the PM 21.6 and 21.8 culverts.

**PM 21.6**



**PM 21.8**



Photo Credits: Valley Water (before) and Caltrans (after)

# 2023

Maintenance of non-jurisdictional culverts was performed.

Maintenance was performed to clear both the dissipator wall and blockage on the west side of the PM 22.17 culvert.

Maintenance was performed to clear the dissipator wall, but regular means were unsuccessful in clearing the PM 23.2 culvert due to the severity of the blockage. Next steps TBD.

## PM 22.17



## PM 23.2



Photo Credits: Valley Water (before) and Caltrans (after)

# 2023

Planning process for maintenance of jurisdictional culverts began.

Maintenance will require 401/404 permits due to the presence of waters of the US/State (both other waters and wetlands).

Due to the severity of the blockages, the means and methods need to be determined before the permitting process can begin.

**PM 20.82**



**PM 21.98**



**PM 22.59**



Photo Credits: Valley Water

# 2022-2024

PM 20.98 Culvert Fence  
Realignment and Jump-out

Fence Realignment Need



# 2022-2024

## PM 20.98 Culvert Fence Realignment and Jump-out

### Jump-out Need



# 2022-2024

## PM 20.98 Culvert Fence Realignment and Jump-out

2022: Planning and design

2023: Material procurement by Caltrans

2024: Valley Water will construct the jump-out using Safe, Clean Water Priority D2 funding. Caltrans will realign the fence and will maintain their new infrastructure in perpetuity.



### Culvert PM 20.98 Fence Realignment & Jump-out Mockup

Jump-Out

New Cyclone  
Fence  
Realignment

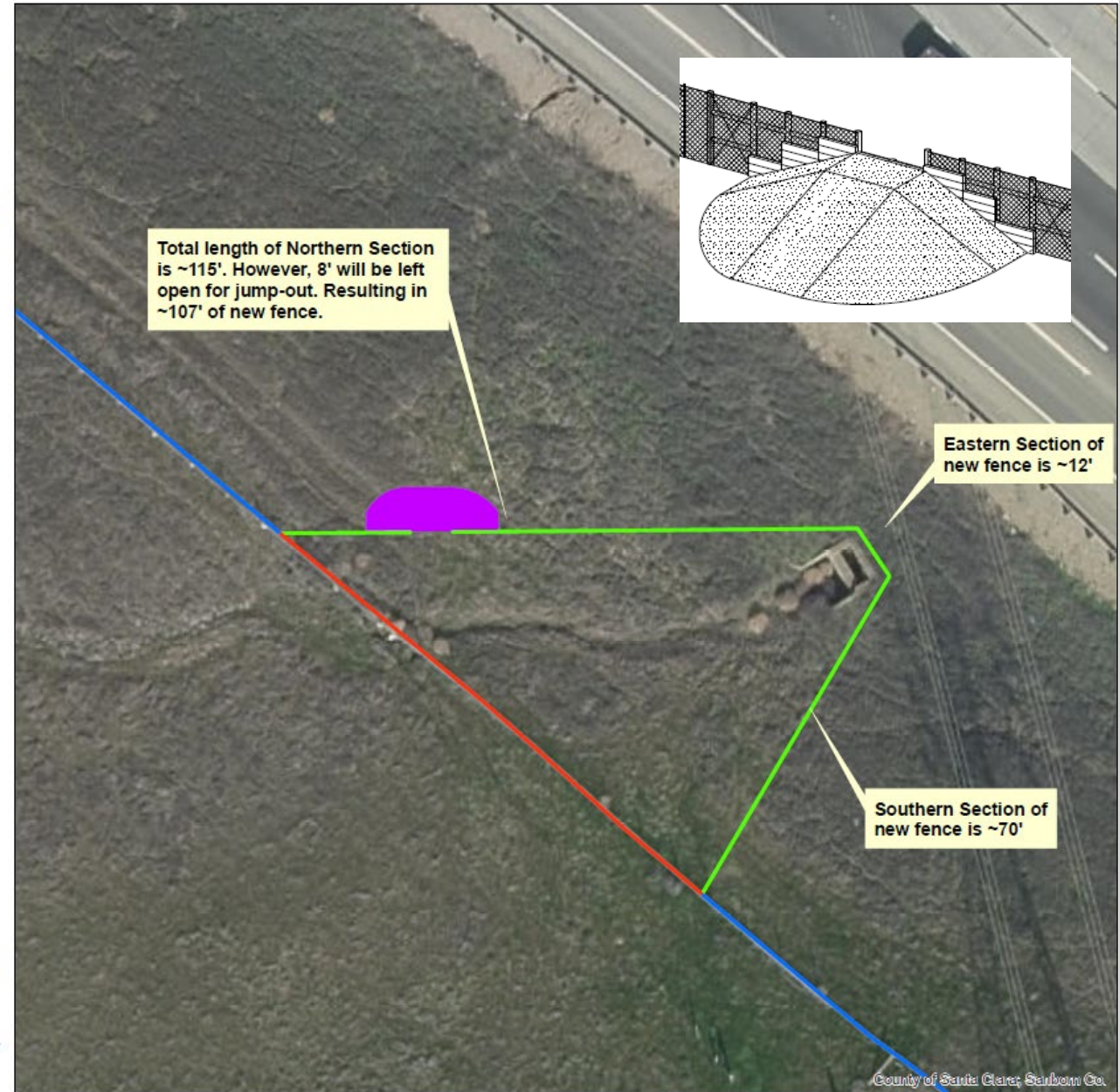
Existing  
Cyclone Fence  
to Remove

Existing  
Cyclone Fence  
to Stay



0 12.5 25 50 Ft

One Inch Approximately Equals 25 ft



# Project Partners

- Caltrans
- Peninsula Open Space Trust
- Santa Clara County Parks
- Santa Clara Valley Habitat Agency
- Santa Clara Valley Open Space Authority
- Santa Clara Valley Transportation Authority
- Valley Water
- Wildlife Conservation Network

## Closing Remarks and Questions