

# Former Roddy Ranch Golf Course Habitat Restoration and Public Access

## CONCEPT A: Welcome the Wetlands





### WELCOME THE WETLANDS

This concept focuses on maximizing wetland habitat and drainage channels by strategically directing water to existing wetlands and by creating new vernal pool and pond features. Runoff at the top of the watershed is encouraged to infiltrate and reduce the potential for gully formation down steep slopes and to promote lateral migration of shallow groundwater to wetlands at the base of the hillslope.

Public access site improvements are kept to the edges and allow the open landscape to be experienced. Trails use existing cart paths where feasible to provide a shorter accessible loop and a longer loop that leads visitors through a variety of experiences. A connection to Empire Mine Road at the existing access point is formalized to provide future access to adjacent preserve and parklands.

#### Restoration Opportunities

- Enhance/Restore/Create 2.7 miles of channel
- Stabilize channels now to reduce long term maintenance burden
- Encourage infiltration in the upper watershed to reduce overland flow down steep drainages
- Improve hydrology of Pond 32 by directing all of Drainage 2 and a portion of Drainage 3 to pond
- Create two vernal pool complexes at the base of Drainages 6 and 7
- Route Drainage 5 into Pond 31 to improve hydrology of pond
- Treat parking lot run off in a new bioretention facility to improve water quality entering Pond 33

#### Public Access Opportunities

- Provide a 1.3 mile accessible loop (30% on existing cart paths)
- Provide a 1.7 mile larger loop (80% on existing cart path)
- Provide 3 different viewpoints
- Provide trail access and an overlook to Pond 30
- The Picnic Area and the multi-use Central Gathering Area are located off to the side to keep the view of the site from the parking lot uncluttered

#### Key Notes:

- ① Potential future trail connection point
- ② Target California Red-legged Frog Habitat
- ③ Target California Tiger Salamander Habitat
- ⑤ Fill soil placement area to balance earth work on-site
- ⑥ Fill pond to better blend into landscape and deliver more water to Pond 31 and Basin 5
- ⑦ Regrade a stable channel entry into basin for surface flow
- ⑧ Regrade sand traps and naturalize topography
- ⑨ Remove abandoned infrastructure

<b>D 1 - D 7</b>	DRAINAGES		VERNAL POOL COMPLEX
<b>P 30 - P 33</b>	PONDS		WOODY REVEGETATION
<b>B 2 - B 7</b>	BASINS		BRIDGES & BOARDWALKS
	PROPERTY BOUNDARY		OVERLOOK
	CONCEPTUAL LIMIT OF DISTURBANCE		VIEWPOINT
	300 FT AQUATIC BUFFER		TRAILHEAD
	CHANNEL/SWALE		ACCESSIBLE MULTI-USE TRAIL
	PONDS & BASINS		MULTI-USE TRAIL
	INFILTRATION AREA		CENTRAL GATHERING AREA & INTERPRETATION
	BIORETENTION BASIN		PICNIC AREA
	STORM DRAIN OUTFALL		RESTROOM