The preferred 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 subsurface lateral migration of shallow groundwater to wetlands at the base of the knoll.

Public access site improvements are concentrated towards the east and allow the open landscape to be experienced towards the west. A short accessible loop welcomes users at the entrance and is paved with concrete, reminiscent of the former golf course cart paths. The trail network also includes an additional accessible trail, as well as overlooks and longer earthen trails that lead visitors through a variety of experiences.

Restoration Opportunities
- Enhance/Restore/Grave 2.7 miles of channel
- Stabilize channels new 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 a vernal pool complex at the base of Drainages 7
- Route Drainage 5 into Pond 31 to improve hydrology of pond
- Treat parking lot runoff in a new bioretention facility to improve water quality entering Pond 33

Public Access Opportunities
- Provide a 1.6 mile of accessible loop
- Provide a 2.6 mile longer loop
- Provide 3 different viewpoints
- Create picnic areas to area around old golf clubhouse
- Like location of existing deck to provide a shaded gathering area that overlooks the site
- 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

Key Notes:
1. Consider potential future trail connection
2. Enhance habitat for aquatic species
3. Remove abandoned cart paths
4. Equestrian trailer and bus parking
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 pond/basin
8. Regrade sand traps and naturalize topography
9. Remove abandoned infrastructure
10. Maintain emergency vehicle and maintenance access
11. Enhance/Restore/Create 2.7 miles of channel
12. Stabilize channels new to reduce long term maintenance burden
13. Encourage infiltration in the upper watershed to reduce overland flow down steep drainages
14. Improve hydrology of Pond 32 by directing all of Drainage 2 and a portion of Drainage 3 to pond
15. Create a vernal pool complex at the base of Drainages 7
16. Route Drainage 5 into Pond 31 to improve hydrology of pond
17. Treat parking lot runoff in a new bioretention facility to improve water quality entering Pond 33

Restoration Design Group, Inc.

FORMER RODDY RANCH GOLF COURSE HABITAT RESTORATION AND PUBLIC ACCESS: PREFERRED ALTERNATIVE

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