



STAFF REPORT

Report To: Board of Supervisors

Meeting Date: February 4, 2016

Staff Contact: Richard Wilkinson, Senior Natural Resource Specialist rwilkinson@carson.org

Agenda Title: For Possible Action: To authorize the Open Space staff to submit a grant application to the Carson Water Subconservancy District for an erosion control and watershed improvement project. The project location is on the southeast side of the Prison Hill Recreation Area along Golden Eagle Lane.

Staff Summary: This funding request is for erosion control, water quality and watershed improvement work on the southeast side of Prison Hill Recreation Area, along Golden Eagle Lane. The grant opportunity would give staff the ability to pursue funds needed to address erosion issues occurring on the southeast end of Prison Hill which are impacting Open Space property, the Carson River and safe access for residents on Golden Eagle lane.

Agenda Action: Formal Action/Motion

Time Requested: 10 minutes

Proposed Motion

I move to authorize the Open Space staff to submit a grant application to the Carson Water Subconservancy District for an erosion control and watershed improvement project. The project location is on the southeast side of the Prison Hill Recreation Area along Golden Eagle Lane.

Board's Strategic Goal

Safety

Previous Action

N/A

Background/Issues & Analysis

Golden Eagle Lane, Prison Hill Recreation Area and the Carson River have been impacted by a series of flash flooding events, drought and OHV use. These events have caused severe erosion and water quality impacts to the Carson River and the Golden Eagle Lane access for residents. These erosion problems have impacted Open Space property by damaging the trail access area identified in the Unified Pathways Master Plan. These erosion events have left an incised channel which will continue to impact the Prison Hill Recreation Area, Golden Eagle Lane and the Carson River Watershed. Staff is still working on the design and cost estimates, but it is anticipated the project will cost approximately \$150,000. This project will provide regional benefits within the Carson River Watershed. This project will improve water quality, help provide long term prevention of further stream bank erosion and will reduce flooding along the Carson River.

Applicable Statute, Code, Policy, Rule or Regulation

- * Omnibus Public Lands Management Act of 2009.
- * Conservation Easement
- * Programmatic Agreement

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number: 254-5047-452-0450

Is it currently budgeted? Yes No

Explanation of Fiscal Impact: Depending on the final project design, Carson City Open Space may have to perform annual maintenance on a retention basin near the trail access. The retention basin would be considered to help trap sediment above Golden Eagle Lane and allow for the water flows to go underneath the road to the Carson River through a culvert system. Carson City Parks, Recreation and Open Space will need to contribute funding from the maintenance and management account towards project construction. Providing matching funds for our project is not required; however, those projects that can provide a match will be given greater consideration. To improve our chances of receiving the grant award, staff is recommending that we match the grant with \$25,000 to help with engineering design and construction. Staff intends on submitting a \$125,000 grant request from the Carson Water Subconservancy District.

Alternatives

Suggest modifications to the proposed project or reject the grant submittal.

Board Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)

Pictures of Sediment in River



Channel cutting/Incision



Top of erosion looking down

