

FINAL REPORT

JUN 28 2007

2003 Greenspaces Grant for the Mouth of Tryon Creek Restoration Plan

Grant period: June 30, 2003 to July 31, 2007

Cooperative Agreement #13420-03-J343

Project Coordinator: Lisa Hamerlynck, Natural Resource Coordinator, Lake Oswego

June 25, 2007

This document is for the purposes of providing a final report for the completion of the City of Lake Oswego's 2003 Greenspaces Grant: *Mouth of Tryon Creek Restoration Plan*. The original end-date for the grant was June 30, 2006. In June of 2006, the grant was extended one year (with Modification no: 1) to July 31, 2007 to allow for the completion of the project.

I. PROJECT DESCRIPTION:

The grant application described the goals for the grant as follows:

This project will result in a restoration plan for the mouth of Tryon Creek from the Willamette River to Tryon Creek State park. When this plan is implemented it will open up approximately 8 miles of stream corridor to fish species, as well as, improve in-stream and riparian functions for both fish and wildlife. There are many potential partners and stakeholders interested in restoration efforts for the mouth of Tryon Creek. Due to the complexity of property ownership, the overlapping jurisdictions, presence of threatened and Endangered Fish and wildlife species, and the cost of implementation, it is unlikely that any one jurisdiction would take the initiative to manage this project on their own.

This plan will be conducted by an Environmental/Fisheries consultant and will include: 1) a facilitated planning process with identified partners and stakeholders, 2) identification of stream and culvert restoration options, 3) a compilation of existing and best current science for the site, 4) a feasibility study of culvert replacement at State Street (State Hwy. 43), 5) an implementation plan with cost estimates, 6) identification of funding sources, 7) creation of a funding request packet, and 8) commitments from partners for implementation of the plan.

The final goal of this plan is to have a multi-agency supported plan that can be funded and implemented within five years. In the immediate future, Portland's Bureau of Environmental Services (BES) has made a 5-year commitment to remove invasive vegetation and plant native species along the south side of the stream and at the mouth of Tryon creek along the Willamette Riverfront. At the end of this planning effort, an executive committee of lead agencies will be identified to carry the implementation forward.

The grant was initially intended for the coordination of a multi-agency effort to build support and consensus for repairing the Tryon Creek/Hwy 43 culvert and developing a stream restoration plan for the stream reach from the culvert to the confluence with the Willamette River. After a couple of early meetings with agency representatives and citizen groups in 2005, the Oregon Department of Transportation (ODOT) voluntarily changed the status of the Tryon Creek Culvert to a class identified as: "high" priority for fish passage improvements. This change in status allowed ODOT to allocate funding for retro-fitting the baffles in the culvert and restoring the immediate downstream reach of Tryon Creek. The City of Portland also allocated funds and staff time towards development of a stream channel restoration plan for the reach from the culvert to the confluence. As a result of the ODOT taking leadership for the culvert repairs, the project coordinator for this grant reported in the 2005 annual summary that the grant funds would be better served by doing on the ground work.

However, after initial exploration of the possibility of using the grant funds for on the ground work, it was determined by US Fish and Wildlife that the funds had to be used for the intent of the original grant scope which was planning for the long term replacement of the culvert.

In January 2007, the project coordinator (with generous assistance from Jennifer Thompson of US Fish and Wildlife Services) developed an RFP to hire a consultant to achieve the goals identified in the grant. On February 16, 2007, the City of Lake Oswego entered into a contract with Henderson Land Services, LLC., to perform the scope of work in the RFP. Henderson Land Services completed the contract in June 15, 2007. Attached is the final report (attachment A).

II. EXPECTED GOALS/ACCOMPLISHMENTS

The project goals as identified above, and the resulting accomplishments are:

1) a facilitated planning process with identified partners and stakeholders

There were over 20 informal meetings between various partners and stakeholders during the period of the grant award. After an initial meeting in 2005, ODOT decided to allocate funds towards the immediate repair of the culvert and outfall area. ODOT facilitated a series of meetings for stakeholders and partners to discuss design options and decide on the preferred design option for the immediate improvements. While the initial award of the greenspaces grant jumpstarted the process for the agencies and partners to begin meeting, the meetings called by ODOT and the City of Portland (CPO) were not officially part of implementing the grant.

Towards the implementation of the grant, in December of 2006, the City of Lake Oswego facilitated a formal meeting of stakeholders and partners. The result of the meeting was a list of objectives for the long-term removal of the culvert. The list of objectives was included in the Scope of work for the Henderson Land Service Contract. Bruce Henderson (of Henderson Land Services) facilitated the final planning process with the stakeholders in the spring of 2007 and completed a final report called: Tryon Creek @ Highway 43 Culvert Alternatives Analysis. This final report completed most of the goals outlined in the grant application.

2) identification of stream and culvert restoration options,

The final document prepared by Henderson Land Services (LS) identified several stream and culvert design and stream restoration options. They also facilitated a process by which a preferred option for removal of the culvert was identified.

3) a compilation of existing and best current science for the site,

Henderson LS compiled the existing data and reference material for the project area. The information was placed on an FTTP web site for all partners and stakeholders to utilize.

4) a feasibility study of culvert replacement at State Street (State Hwy. 43,)

The final Henderson LS report includes a feasibility study of the options for the removal of the culvert.

5) an implementation plan with cost estimates,

The Henderson LS report includes cost estimates for the preferred culvert removal proposal. The report also identified tasks necessary for the implementation of the plan. During the planning process, it became clear that implementation of the plan depended on planning process still being completed by various partners.

6) identification of funding sources,

Over the period of the grant award, funding became available for immediate improvements to the culvert and the stream. Other funding options were discussed by all the agencies, but a final document was not compiled.

7 & 8) *creation of a funding request packet, and commitments from partners for implementation of the plan.*

The final document prepared by Henderson LS will be sent to all the partners and stakeholders. Along with the final report will be a cover letter asking them to get the plan approved or acknowledged by their elected officials.

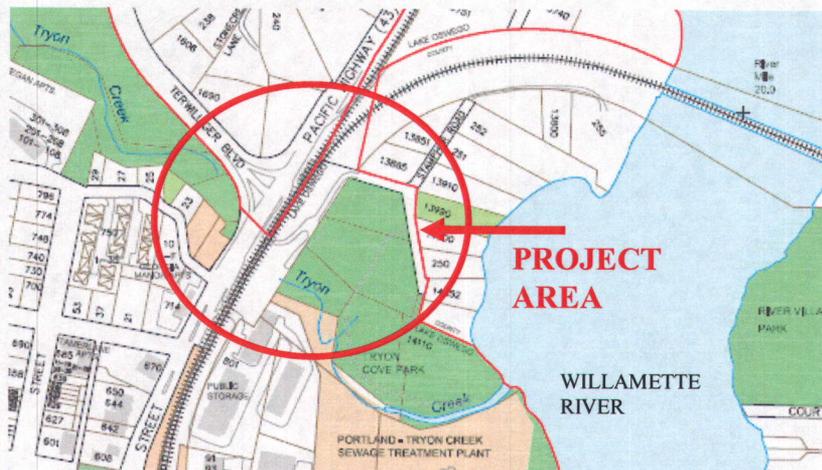
III. List of project staff and partners, and their roles. Include the number of volunteers and other participants involved, along with the associated number of hours contributed to the projects.

The project coordinator Lisa Hamerlynck, the Natural Resource Coordinator for the City of Lake Oswego, contributed over 120 hours towards the project. There were many people over the course of the project that participated in meetings, contributed information, or provided consulting services. Several partners conducted activities outside of the initial scope of this grant which contributed critical information for this project. Attached (attachment B) is a spreadsheet of partners and estimated hours contributed towards the project.

IV. A description of the project area(s) and/or study location(s), including dimensions of the actual area affected and/or studied, a map showing the location of project activities, and final project designs, plans and as-built surveys, as applicable.

The study area is where Tryon Creek passes under Highway 43 on the northern edge of the City of Lake Oswego. The stream is carried under the highway and railroad track by an 80 year old culvert that is a barrier to fish species most of the year.

The final preferred design option for the replacement of the culvert under Highway 43 is described in the Henderson report which is attached.



V. A description of the methods used to implement the projects and the effectiveness of those methods.

The City of Lake Oswego hired Henderson LS to complete the project. Mr. Henderson completed the project on time and was very responsive to the project coordinator. While in the end, the scope of the work performed by the consultant was very close to the tasks outlined in the grant application, it would have been wiser to hire a consultant earlier in the process to maintain a more consistent planning process.

VI. On-going tasks that will continue beyond the term of this Cooperative Agreement, such as monitoring and maintenance, and/or next steps.

Several “next step tasks” for implementation of the study are included in the Henderson report.

VII. Summary of expenditures and project costs, including the use of Service funding and the amounts and sources of monetary and in-kind matching contributions.

SUMMARY OF EXPENDITURES	
CONTRACT SERVICES CHARGED TO GRANT	IN-KIND MATCHING CONTRIBUTIONS
Henderson LS- \$19,992.99	City of Portland- 27,315
	City of Lake Oswego Project Coordination- \$12,000
	City of Lake Oswego, Contract Facilitation services- \$1,575
	*Other partners- \$19,970
Total= \$19,992,99	Total= \$69,860

**estimated total from partner contribution spreadsheet (attachment B)*

VIII. Summary and conclusions. Include observations and advice from this project experience that may assist others involved in similar work.

This grant award funded a project that otherwise would not have been completed. The final document, prepared by the consultant (Henderson LS), will provide critical information for agencies and the various partners to use to for future implementation of the goals identified in the grant. The initial grant provided a reason for the partners and stakeholders to begin meeting. Early meetings resulted in ODOT prioritizing the Tryon Culvert for immediate repairs. The immediate culvert repair and stream enhancement is scheduled to occur in August 2007. While these short-term improvements are not funded by this grant, they arguably wouldn’t have occurred without the grant award.

The project coordinator realized early in the process of implementing the grant award, that there was not enough funds to cover the full scope of work. In retrospect, the project coordinator should have met with various partners, prior to writing the grant, to better define the scope.

VIII. Supplemental information

Attachments:

- A. Tryon Creek @ Hwy 43 Culvert Alternates Analysis, June 2007, prepared by Henderson Land Services.
- B. Project Partner In-kind time spreadsheet