

PROJECT: 14-1299 PLN, WILLOW CREEK DAYLIGHTING CONCEPTUAL DESIGN

Sponsor: City of Edmonds Program: Salmon Federal Projects Status: Active
Project Start Date: 12/04/2014 Agreement End Date: 06/30/2018

Progress Report Status: Accepted 05/21/2018

Report Period

From 02/01/2018 To 04/30/2018

Questions

#1: Describe the work accomplished during this reporting period.

Description is required

During this reporting period, the City of Edmonds has met with WSDOT Ferries Division representatives to review the two preferred alternative alignments of the Willow Creek daylight channel across the Unocal site (future WSDOT Ferries property). Ferries has acknowledged that the City is in the final stages of project feasibility and that the daylighting project will impact their future property. Ferries has agreed to work with the City this year to reach agreement of a preferred alignment and create an MOU between the City of Edmonds and Ferries outlining the preferred alternative alignment and control and tenure measures for the future restoration project across the property. In addition, City's engineering consultant has completed and submitted the final water and sediment quality sampling report and an initial macrobenthic invertebrate report.

#2: Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.

Choice Yes

Description is required

WSDOT Ferries Division has requested that the City work with them during the remainder of the year to reach an MOU agreement, as this aligns with their 2018 Long-range Ferry Plan update. This sets our grant timeline through the end of 2018, and the City will be requesting a grant time extension to reflect that.

#3: Tell us about work planned for the next reporting period.

Description is required

During the next reporting period, the City of Edmonds will continue discussions and negotiations with WSDOT Ferries Division working towards an MOU agreement by the end of the year. In addition, the City will complete the following feasibility grant deliverables: 1. Sea Level Rise Analysis: The City's engineering consultant team will identify year 2050 and year 2100 sea level rise scenarios and update the hydraulic HEC-RAS2D model using these scenarios, combined with storm surge and stormwater flood events. The Consultant will submit a revised memorandum adding the sea level rise modeling results and identify infrastructure and habitat area risks resulting from the Daylight project, considering sea level rise; 2. Tidegate (Floodgate) Analysis: The Willow Creek Daylight project will likely have tidal, storm-surge related impacts to the SR-104, BNSF and the Harbor Square business area adjacent to the marsh. To address these potential impacts, the Consultant will develop a floodgate schematic design and analyze flood hydraulics for allowing floodgate operations during tidal and storm surge conditions. The Consultant will summarize likely floodgate operating periods, fish use during those periods, and with and without floodgate modeling results in a memorandum; 3. Additional Habitat Modeling Studies: The daylight modeling study used simplistic channel geometry to evaluate Daylight inundation and fish passage conditions. The modeling results revealed depth and velocity issues along the proposed daylight channel. To address these hydraulic conditions, this task will develop a revised grading plan that includes a composite, and more complex, daylight channel including marsh benches, varying side slopes, and large woody debris features as localized obstructions. The Consultant will update the hydraulic HEC-RAS2D model using the composite grading plan and submit a revised memorandum describing changes in fish passage habitat conditions for the project, considering the revised habitat grading plan; and 4. Dayton Street Pump Station and Stormwater Plans: The City is currently undertaking several stormwater upgrade projects in the Shellabarger Creek overflow and Dayton Street sub-basin that partially drain to the Edmonds Marsh. This task will involve coordination with City stormwater engineering staff to update the project understanding and status of these projects and submit a memo summarizing the City's plans, and identify opportunities for project integration, such as the flood protection berm along SR-104 that would prevent flooding along the state highway that is adjacent to the marsh.

#4: Do you anticipate you will need to request a modification to your project agreement in the next six months (time extension, cost change, scope change, etc.)? If yes, please explain:

Choice Yes

Description is required

The City is requesting a grant deadline extension to meet all grant deliverables which are required for final feasibility and prior to applying for design funding.

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Milestones

Milestone	Target Date	Completed	Delayed	New Target Date	Progress/Reason for Delay
Special Conditions Met <i>Final Conceptual Design deliverables (Appendix D-1) submitted</i>	03/30/2018		✓	12/31/2018	The City of Edmonds and WSDOT Ferries Division require additional time to provide a signed Landowner Acknowledgement Form from WSDOT-Ferries and a written report of negotiations and an MOU between the City and WSDOT-Ferries.
Final Report Due	06/30/2018		✓	12/31/2018	Final report will be delayed to allow for additional time for negotiations between City of Edmonds and WSDOT Ferries Division.
Agreement End Date <i>Project End Date, all expenses must be incurred by this date.</i>	06/30/2018 Need amendment to change		✓	01/31/2019	Project end date will be delayed to allow for additional time for negotiations between City of Edmonds and WSDOT Ferries Division.
Special Conditions Met <i>Condition: WSDOT MOU and LOA submitted</i>	06/30/2018		✓	12/31/2018	LOA and MOU will be delayed to allow for additional time for negotiations between City of Edmonds and WSDOT Ferries Division.
Final Billing Due	09/30/2018		✓	03/01/2019	Final billing will be delayed to reflect the new project end date.

Special Conditions

a) Design and Restoration Project Deliverables:

The project will meet the standards for Design and Restoration Project Deliverables described in Manual 18 (2016) Appendix D-1 Conceptual Design Deliverables. Submit the following deliverables to your SRFB grants manager along with any assessment, data collection summaries and reports, and feasibility deliverables funded in the scope of work.

- Description of the project site and the problems within the context of salmon recovery.
- Identification of specific goals and objectives for addressing the problems.
- Identification and conceptual design of alternative(s) for achieving the project objectives. Each conceptual design alternative must include a description of the design and a plan view drawing of existing site conditions and the proposed project on accurately scaled site plans. The plan view drawing must include an area/location map, property boundaries (either surveyed or approximated based on assessor's data), landownership, roads or other infrastructure as appropriate, scale, north arrow, water bodies and direction of flow, bank-full width or mean high water line for marine waters, and approximate dimensions of proposed elements.
- Evaluation and discussion of stakeholder comments and the pros and cons of each alternative.
- Selection of the preferred alternative(s).
- Rough construction cost estimate of the preferred alternative(s). (optional)

b) Condition: SRFB Review of Draft Conceptual Design: Prior to implementing the next design phase of this project using SRFB funding (either cost increase or new grant request), sponsor will submit the full deliverables of this additional study, alternatives analysis and conceptual design for review by the SRFB technical review panel.

c) Condition: Control and Tenure established, and MOU provided to SRFB: Project sponsor will provide a signed Landowner Acknowledgement Form from WSDOT-Ferries and a written report of negotiations between the City and WSDOT-Ferries that includes an MOU between these two parties clearly stating the agreed upon preferred alternative channel alignment across the Unocal property (future WSDOT property) including any communicated intention and/or commitment from WSDOT-Ferries to adopt or incorporate the concept into their future development of the project permanent.

d) Cultural Resources

The cultural resources assessment was completed for a portion of the site (the marina beach property) under a prior phase of the project and is attached in PRISM. The future restoration project will be subject to the National Historic Preservation Act, Section 106, but preliminary designs may require additional ground disturbing activities for geotechnical and other investigations. In order to be exempt from Governor's Executive Order 05-05 Archaeological and Cultural Resources (EO 05-05) as described in Section 9 of this project agreement, sponsor must have an archaeologist monitor any ground disturbing activities necessary for design development, and incorporate observations and results into the Cultural Resources Assessment that will be prepared for the Section 106 consultation.

Please note, in order for a future RCO funded restoration project to be exempt from EO 05-05, the Section 106 Area of Potential Effect (APE) must include all ground-disturbing activities (e.g., restoration staging area, riparian planting areas). The sponsor is encouraged to work with the federal permitting agency to align the Section 106 APE with the scope of work subject to a future RCO funded restoration project proposal. If the APE does not include all ground-disturbing activities proposed for RCO funding, RCO will need to initiate cultural resources consultation following EO 05-05 for those activities not included in the federal APE.

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Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Archeological & Cultural Resources (EO 05-05)	DAHP	06/25/2014	09/19/2014		
Clear & Grade Permit	City/County				
Cultural Assessment [Section 106]	DAHP				
			Note: We anticipate needing this permit		
Dredge/Fill Permit [Section 10/404 or 404]	Army Corps of Eng.				
			Note: We anticipate needing this permit		
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife				
			Note: We anticipate needing this permit		
SEPA	Local or State				
			Note: We anticipate needing this permit		
Water Quality Certification [Section 401]	County/Dept of Ecy.				
			Note: We anticipate needing this permit		
Shoreline Permit	City/County				
			Note: We anticipate needing this permit		

Permit Questions

No questions needed for this progress report.

Attachments

PHOTOS (JPG, GIF)

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
No attachments match filter criteria						

Certify & Submit

Status History			
Report Status	Date	User	Note
Accepted	05/21/2018	Elizabeth Butler	Thank you Keeley, Will proceed with the time extension amendment this week. Appreciate your efforts on this complicated restoration project~
Submitted	05/11/2018	Keeley O'Connell	Hi Elizabeth, I hope this clearly reflects what we discussed last week regarding a time extension for this project. Please let me know if you have any questions. Thanks, Keeley
Draft	05/11/2018	Keeley O'Connell	