



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 8/9/2011

Agenda Placement: 7F

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Don Ridenhour - Director
Public Works

REPORT BY: Jeremy Sarrow, Watershed/Flood Control Specialist - 259-8204

SUBJECT: Napa River Rutherford Reach Restoration Project Reach 4 Re-vegetation Contract- Approval of Plans and Specifications and Authorization to Advertise

RECOMMENDATION

Director of Public Works requests approval of plans and specifications for the "Napa River Rutherford Reach Restoration - Reach 4 Revegetation Project", PW 11-18, authorization to advertise for sealed bids and opening of the bids at a time, date, and location to be published by the Director of Public Works pursuant to Section 20150.8 of the Public Contract Code.

EXECUTIVE SUMMARY

The construction for Reach 4 of the Napa River Rutherford Reach Restoration Project is now under way; revegetation of this area according to design specifications must follow grading and other activities to ensure successful recolonization of native habitat. The revegetation scope of the Project can now be bid. The work site is located along an approximately 4,300 foot reach of the Napa River beginning 8,000 feet south of Zinfandel Lane and extending downstream to the Rutherford Road (State Highway 128) crossing.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Capital Improvement Program-Measure A Funded
Is it Mandatory or Discretionary?	Discretionary

Discretionary Justification:	Design has been completed and plans must now be put out to bid to be able to complete revegetation of constructed areas.
Is the general fund affected?	No
Future fiscal impact:	The revegetation work includes 3 years of plant establishment that will extend beyond FY 2011-2012. Following this 3 year period, maintenance is being funded by an assessment district that was created by the Flood Control District. Future construction phases for other reaches of the project will require additional grants and also additional Measure "A" fund allocations.
Consequences if not approved:	Potential loss of grant monies, landowner involvement, and continued degradation of the Napa River can occur.
Additional Information:	The revegetation work will be funded by an awarded Habitat Conservation Fund grant of \$400,000 from the State of California, matched with \$400,000 of County Unincorporated Area Measure A funds. The total available funds budgeted in FY 2011-2012 are therefore \$800,000 and the engineer's construction estimate for the revegetation work is \$560,000. \$800,000 is available for construction, construction contingency, inspections and project management.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: Mitigated Negative Declaration Prepared. According to the Mitigated Negative Declaration, the proposed project would have, if mitigation measures are not included, potentially significant environmental impacts in the following areas: Aesthetics, Cultural/Palaeontological Resources, Air Quality. This project site is not on any of the lists of hazardous waste sites enumerated under Government code section 65962.5 Project permit obtained from United States Army Corps of Engineers will include additional environmental evaluations to comply with NEPA as may be needed if Federal grant funds are used to fund future construction efforts.

BACKGROUND AND DISCUSSION

Reaches 1 and 2 (East Bank)

Construction for the Rutherford Dust project took place during the summer 2009 beginning with the east bank of Reaches 1 and 2 and was performed by Siteworks from Lafayette, CA. Work that was completed included excavating benches and laying back existing vertical slopes in the river channel to stabilize these areas and reduce sediment loads into the Napa River. After excavation these areas were later revegetated with native species from the Napa River Watershed. All earthwork was completed within the 2009 construction season but due to time constraints the Large Woody Debris structures (LWD), which will provide additional refugia and habitat for native migrating fish, could not be installed in the channel. These structures were later installed during the summer of 2010.

Reaches 1 and 2 (West Bank)

This portion of the project was bid in May 2010 and the contract was awarded to Siteworks. The extent of the work on the west bank took place approximately 2,400 feet south of Zinfandel Lane and continued south for approximately 4,200 feet ending at Mee Lane. Construction included many of the features mentioned above for the east bank with the addition of an alcove and rock structures designed to provide additional resting areas for

migrating native fish. Construction was completed in November of 2010 for both the east and west banks.

Reach 3

A construction contract for Reach 3 was bid in July 2010 and was awarded to Team Ghilotti from Petaluma, CA. Construction of Reach 3 was also completed in November 2010. Reach 3 construction continued restoration efforts from Mee Lane and extended south for approximately 4,000 feet and took place on both banks of the Napa River. Construction included excavating benches and regrading vertical banks in specific areas to reduce sediment loads into the river. Large woody debris were constructed and placed at specific locations in the river to provide additional habitat and refugia for migrating native fish. A new berm was constructed along the upper banks of the river and will be located further landward to increase the river's riparian area. A grade control structure was constructed in the river at the southern extent of the reach for protection against channel down cutting which will in turn foster river bank stability.

Reach 4 (East Bank)

A construction contract for Reach 4 (East Bank) was bid in June 2011 and was awarded to Siteworks. Construction of Reach 4 (East Bank) will take place during the summer/fall of 2011. Due to funding constraints construction will take place on the east bank only. Reach 4 construction will continue restoration efforts from Reaches 1, 2 and 3 and continues south for approximately 4,300 feet on the east bank of the Napa River. Construction will include excavating benches and regrading vertical banks in specific areas to reduce sediment loads into the river. Large woody debris will be constructed and placed at specific locations in the river to provide additional habitat and refugia for migrating native fish. New berms will be constructed along the upper banks of the river and will be located further landward to increase the river's riparian area. Grade control structures will be constructed in the river at the southern extent of the reach for protection against channel down cutting which will in turn foster river bank stability.

Reach 4 Revegetation Work-Subject of this item

Staff is recommending approval of plans and specifications, authorization to advertise for bids and authorization for the Director of Public Works to set a bid opening date for the Reach 4 (East and West Bank) revegetation contract. Once construction of Reach 4 (East Bank) is complete, revegetation of all disturbed areas will be performed this fall. Invasive plant species that have been removed will be replaced with native vegetation that has been propagated from the Napa River Watershed. These new plantings will be monitored and maintained over a 3-year period to assure that they become properly established.

Reach 4 (West Bank)

The design for Reach 4 west bank is complete. Construction is anticipated to begin in the summer of 2012. Once complete, revegetation of the project site will be performed. The subject contract covers revegetation of both east and west banks.

Local Vendor Outreach

Staff will be reaching out to the local construction contractor community by advertising the request for bids in the Napa Valley Register, the Solano-Napa Builder's Exchange and by posting on the County website. Staff will also be sending "Notices to Contractors" to local contractors to let them know about the bidding opportunities. Once bids are opened and a construction contract is awarded, the County will contact the Napa County Workforce Investment Board (WIB) and will require the successful contractor to contact the WIB to let the WIB know of its hiring needs.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Molly Rattigan