



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 5/22/2012

Agenda Placement: 7Q

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Interim Director of Public Works
Public Works

REPORT BY: John Vicencio, ASSOCIATE ENGINEER - 259-8369

SUBJECT: Napa River Rutherford Restoration Project, Reach 8-Approval of Plans and Specifications, Authorization to Advertise, and Approval of Temporary Construction Easement Agreements

RECOMMENDATION

Interim Director of Public Works requests the following actions related to the Napa River Rutherford Restoration Project, Reach 8, PW 11-21:

1. Approval of plans and specifications for the "Napa River Rutherford Restoration Project, Reach 8," PW 11-21, 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; and
2. Approval of and authorization for the Chairman to sign Temporary Construction Easement (TCE) agreements at no cost to the County for the term of June 1, 2012 through December 31, 2017 with Sawyer Cellars and June 1, 2012 through December 31, 2015 with Diane B. Wilsey.

EXECUTIVE SUMMARY

The final design for a portion of Reach 8 of the Napa River Rutherford Reach Restoration Project is now complete. To coincide with multiple funding opportunities, the project was planned to be implemented in multiple phases with the first phase of construction planned for the summer of 2012 encompassing restoration on three properties. These properties are located between Highway 128 and Oakville Crossroad. This portion of Reach 8 construction is funded through two previously awarded grants: a \$400,000 Habitat Conservation grant and a \$1,000,000 State Coastal Conservancy grant, both matched with County unincorporated area Measure A funds. The project must now go out for construction bids in order to move into the construction phase.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Capital Improvement Program
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	This phase of construction is necessary as part of the ongoing effort towards the completion of the Rutherford Dust Restoration project.
Is the general fund affected?	No
Future fiscal impact:	Construction will extend into fiscal year 2012-2013. Following construction, maintenance is being funded by an assessment district that was created by the Flood Control District. Future construction phases for other reaches will require additional grant(s) and also additional Measure "A" fund allocations.
Consequences if not approved:	If this item is not approved, potential loss of grant monies, landowner involvement, and continued degradation of the Napa River can occur.
Additional Information:	

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/Paleontological Resources, Air Quality. This project site is not on any lists of hazardous waste sites enumerated under Government code section 65962.5. Project permit obtained from the 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

Construction for Reaches 1 and 2 took place over a two year period (2009/2010) and was performed by Siteworks from Lafayette, CA. The extent of the work began approximately 850 feet south of Zinfandel Lane continuing south for approximately 6,000 feet ending at Mee Lane. 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. Construction also included an alcove feature and a number of Large Woody Debris Structures designed to provide additional resting areas for migrating native fish.

Reach 3

Construction for Reach 3 took place during the summer of 2010 and was performed by Team Ghilotti, Inc from Petaluma, CA. Reach 3 construction continued restoration efforts south of Reach 2, beginning at Mee Lane and continuing south for approximately 4,000 feet 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 refuge for migrating native fish. A new berm was constructed along the upper banks of the river and was 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.

Once construction was completed for these three reaches revegetation of all disturbed areas was performed. Invasive plant species that were removed were replaced with native vegetation that was 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

On January 25, 2011 the Board of Supervisors approved a contract with Philip Williams and Associates (PWA) for the completion of plans, specifications, permit applications, and providing construction administration support services for restoration of Reach 4. Although the design was completed for all of Reach 4, the project was split into east and west bank construction projects in order to coincide with various grant funding opportunities.

Reach 4 East Bank

Construction for Reach 4 East Bank took place during the summer of 2011 and was performed by Siteworks Construction, Inc. from Lafayette, CA. Reach 4 East Bank construction continued restoration efforts south of Reach 3, beginning approximately 4,000 feet south of Mee Lane and continuing south for approximately 4,500 feet to Highway 128; on the East Bank. Construction included excavating benches and regrading vertical banks in specific areas to reduce sediment loads into the river. Large woody debris structures and boulder clusters were constructed and placed at specific locations in the river to provide additional habitat and refuge for migrating native fish. An existing berm was setback further from the river bank to increase the river's riparian area. Construction was completed in November of 2011 and all disturbed areas were revegetated under a separate contract.

Reach 4 West Bank

Reach 4 West Bank construction is planned to take place during the summer of 2012. Construction will continue on the West Bank from the south end of Reach 3 beginning approximately 4,000 feet south of Mee Lane and continuing south approximately 4,500 feet to Highway 128. This construction will continue efforts to reduce sediment loads in the river. Bench excavation and vertical bank regrading will be performed in specific locations to stabilize and widen the channel. Large woody debris structures and boulder clusters will be installed to provide additional habitat and refuge for native migrating fish. A Roughened Channel Structure will be constructed to protect the river bed from further incision. Setback berm construction will continue through the reach, with the replacement berm again located further from the river bank to increase the riparian area along the river. Once construction is complete, revegetation of all disturbed areas will continue as explained above in previous reaches.

Reach 8A (subject of this item)

On September 27, 2011 the Board of Supervisor approved a contract amendment with PWA/ESA for the completion of plans, specifications, permit applications, and providing construction administration support services for restoration of Reach 8. With the final design now completed, an updated construction cost estimate is \$2,042,370. The actual cost of construction will be determined following the formal bidding process for this portion of the Project. Staff will return to the Board with bid results and ask for authorization for award of the construction contract.

To coincide with multiple funding opportunities, the design for this project was planned to be implemented in multiple phases with the first phase of construction planned for the summer of 2012 and will encompass three properties. Construction will begin approximately 3,600 feet south of Highway 128 on the Sawyer Cellars property and will continue south through the Wilsey property and ending on the Sequoia Grove property. The construction

extent along the river is approximately 1,000 feet. Construction on this reach will vary slightly involving a higher level of bank stabilization and repair. A secondary channel will be excavated in the river bottom to divert low river flows away from a highly impacted slope along the west bank of the channel. Once construction is complete, revegetation of all disturbed areas will continue as explained above in previous reaches.

The design for the remainder of Reach 8 is scheduled to be completed in the summer of 2012 with construction anticipated to take place in the summer of 2013 as funding sources become available.

The owners of the properties which are involved with this phase of the construction, Sawyer, Sequoia Grove, and Wilsey, have executed Temporary Construction Easement (TCE) Agreements allowing the County access for construction and also approving the construction of project improvements on their properties. The Sequoia Grove TCE was previously approved by the Board. Upon execution of the Sawyer Cellars and Wilsey TCEs by the Board, the agreements will be recorded with the Napa County Records Office.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Molly Rattigan