



**CITY COUNCIL MEETING
STAFF REPORT**

Meeting Date: August 5, 2024		Subject: Resolution No. 3103 Authorizing the City Manager to Execute a First Amendment to the Professional Services Agreement with Brown and Caldwell, Inc. to provide Engineering Consulting Services for the Boeckman Creek Flow Mitigation Project (Capital Improvement Project No. 7068). Staff Member: Andrew Barrett, PE, Capital Projects Manager and Nancy Kraushaar, PE, Project Engineer Department: Community Development	
Action Required		Advisory Board/Commission Recommendation	
<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Public Hearing Date: <input type="checkbox"/> Ordinance 1 st Reading Date: <input type="checkbox"/> Ordinance 2 nd Reading Date: <input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Information or Direction <input type="checkbox"/> Information Only <input type="checkbox"/> Council Direction <input checked="" type="checkbox"/> Consent Agenda		<input type="checkbox"/> Approval <input type="checkbox"/> Denial <input type="checkbox"/> None Forwarded <input checked="" type="checkbox"/> Not Applicable Comments: N/A	
Staff Recommendation: Staff recommends Council adopt the Consent Agenda.			
Recommended Language for Motion: I move to adopt the Consent Agenda.			
Project / Issue Relates To:			
<input checked="" type="checkbox"/> Council Goals/Priorities: Protect and Preserve Wilsonville's Environment	<input checked="" type="checkbox"/> Adopted Master Plan(s): TSP Projects UU-01 & UU-02 Stormwater Master Plan Project BC-2	<input type="checkbox"/> Not Applicable:	

ISSUE BEFORE COUNCIL:

A City of Wilsonville resolution approving a First Amendment to the Professional Services Agreement (PSA) with Brown and Caldwell, Inc. (BC) for a not to exceed amount \$282,911 for Phase 2 Engineering Consulting Services for the Boeckman Creek Flow Mitigation Project (Capital Improvement Project (CIP No. 7068).

EXECUTIVE SUMMARY:

The Boeckman Creek Flow Mitigation Project (Project) represents work on the final two elements of the Boeckman Road Corridor Project (BRCP). This work is programmed to occur subsequent to the Boeckman Creek Bridge completion:

1. Boeckman Creek stream restoration work to provide fish passage which includes removing the existing culvert and flow control structure and associated grading, and
2. Mitigation for the resulting Boeckman Creek flow differential after removing the flow control structure.

These two elements address preliminary engineering findings for the BRCP which concluded that removing the culvert and flow control structure at Boeckman Road would require mitigation for flows that had, decades earlier, been diverted to the Boeckman Creek drainage basin from the Coffee Lake drainage basin.

Due to the complexity and uncertain preparation and approval time needed to obtain the regulatory agency environmental permits for these two interconnected elements, they were removed from the BRCP contract work in order to timely proceed with construction of the other BRCP elements, including the Boeckman Creek Bridge.

Resolution No. 3103 authorizes the engineering work to prepare final plans and specifications and provide bid support for Item 1 above – removal of the culvert and flow control structure and Boeckman Creek stream restoration that will allow for fish passage. This area is shown in Figure 1.

This amendment was previously planned when the Council approved Resolution No. 3114 at their February 22, 2024 meeting which authorized engineering services for Item 2. This work is underway and will design modifications to the Coffee Creek conveyance system between Mentor Graphics and I-5, including the drainage way through Ash Meadows/ Brenchley Estates (see Figure 2 with mitigation area outlined in red).



At that time, it was important to advance the Item 2 engineering work to prepare for the in-water work timelines anticipated to result from the environmental permitting for both Items 1 and 2.

The fee to be authorized by Council includes \$42,665 for expenses and contingency items that may be necessary to perform additional work based on findings from the flow modeling, field conditions, and environmental conditions for permitting.

EXPECTED RESULTS:

Design, environmental permitting, contract documents, and bidding will be completed to prepare for construction of the stream restoration and culvert/ flow control structure removal, the next step in meeting fish passage regulatory requirements associated with the BRCP.



TIMELINE:

Staff seeks to have construction contract documents, approved environmental permits, and the construction bid award ready to perform the construction work during the 2026 in-water work window (approximately June through October).

CURRENT YEAR BUDGET IMPACTS:

The adopted budget for Fiscal Year (FY) 2024/2025 includes funding for design, project management, and overhead for the Project as summarized below.

CIP No.	Project Name	Funding Source	Adopted FY 24/25 Budget	Amendment Amount
7068	Boeckman Creek Flow Mitigation	Stormwater Operating	\$ 1,374,834	\$ 282,911
Total			\$ 1,374,834	\$ 282,911

The Project contract amount is within the FY 2024/2025 budgeted amount. The Project is included in the City’s five-year capital improvement plan and will carry into subsequent fiscal years.

COMMUNITY INVOLVEMENT PROCESS:

The BRCP provided extensive community involvement opportunities and outreach and will continue to do so as the Boeckman Road improvements and bridge are constructed. Additional community involvement and outreach that focuses on the Boeckman Creek Flow Mitigation Project has occurred through letters to nearby properties and frequent communication with the Brenchley Estates Homeowners Association and Siemens. Similar outreach will continue with these parties, and will be expanded for the Boeckman Creek restoration work to nearby neighborhoods and properties. Communication will also occur using the Boones Ferry Messenger and the City’s website.

POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:

The Project will contribute to restoring natural drainage patterns in the Coffee Lake and Boeckman Creek drainage basins in Wilsonville. Restoring these patterns will allow stream restoration and responsible removal of the culvert and flow control structure in Boeckman Creek that currently obstruct fish passage. The Coffee Lake basin restoration will alleviate increased flows within Boeckman Creek, helping to mitigate potential downstream erosion impacts to private property. Achieving fish passage will allow the City to meet regulatory requirements associated with replacing the Boeckman Dip with a bridge, a much-needed connection for the Wilsonville community’s transportation and land-use systems.

ALTERNATIVES:

The project team assessed a number of Boeckman Creek flow mitigation options associated with establishment of fish passage and removal of the culvert and flow control structure as part of the BRCP. This assessment is documented in the May 2023 “Boeckman Creek Flow Mitigation Alternatives Evaluation, Technical Memorandum.” Restoration of the Coffee Lake drainage basin through enhancement of the Ash Meadows drainage is identified as the preferred option as it provides the greatest flow mitigation benefit with the least impact to private property at the most economical cost.

CITY MANAGER COMMENT:

N/A

ATTACHMENTS:

1. Resolution No. 3103
 - A. First Amendment to Contract No. 242210, Professional Services Agreement for Ash Meadows Flow Mitigation Project, CIP No. 7068