



**CITY COUNCIL MEETING
STAFF REPORT**

Meeting Date: April 15, 2024		Subject: Ordinance No. 890 – 2nd Reading Adopting the 2024 Stormwater Master Plan as a sub-element of the City of Wilsonville Comprehensive Plan and Stormwater Capital Improvement Project List	
		Staff Member: Kerry Rappold, Natural Resources Manager	
		Department: Community Development	
Action Required		Advisory Board/Commission Recommendation	
<input checked="" type="checkbox"/> Motion <input checked="" type="checkbox"/> Public Hearing Date: April 1, 2024 <input checked="" type="checkbox"/> Ordinance 1 st Reading Date: April 1, 2024 <input checked="" type="checkbox"/> Ordinance 2 nd Reading Date: April 15, 2024 <input type="checkbox"/> Resolution <input type="checkbox"/> Information or Direction <input type="checkbox"/> Information Only <input type="checkbox"/> Council Direction <input type="checkbox"/> Consent Agenda		<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Denial <input type="checkbox"/> None Forwarded <input type="checkbox"/> Not Applicable	
		Comments: The Planning Commission conducted a public hearing on the proposed Stormwater Master Plan at their regular meeting on March 13, 2024, forwarding a recommendation of approval to the Council.	
Staff Recommendation: Staff recommends Council adopt Ordinance No. 890 on 2 nd Reading.			
Recommended Language for Motion: I move to adopt Ordinance No. 890 on 2 nd Reading.			
Project / Issue Relates To:			
<input checked="" type="checkbox"/> Council Goals/Priorities: Protect and Preserve Wilsonville’s Environment	<input type="checkbox"/> Adopted Master Plan(s):	<input type="checkbox"/> Not Applicable	

ISSUE BEFORE COUNCIL:

A City of Wilsonville ordinance adopting the 2024 Stormwater Master Plan (“Plan”) as a sub-element of the City of Wilsonville Comprehensive Plan and the Stormwater Capital Improvement Project List.

EXECUTIVE SUMMARY:

In 2012, the City adopted the Stormwater Master Plan (SMP), which provided an update to the previous master plan adopted in June 2001. There have been changes in land use (e.g., Urban Growth Boundary (UGB) expansion areas) and new stormwater management requirements (i.e., National Pollutant Discharge Elimination System Municipal Separate Sewer System (NPDES MS4) Permit) that needed to be considered within the framework of the update. The City employed an integrated approach to stormwater and watershed management that provided management solutions and policies that maintain, restore and enhance local watersheds and meet engineering, environmental and land use needs.

In 2021, a virtual open house and survey were conducted to gather feedback from the community about the proposed Plan. Ninety respondents provided input on existing conditions (e.g., water quality of streams and flooding issues) related to the stormwater system and how they rate the level of service (e.g., maintenance of system and public education). Overall, the respondents felt the City was doing a good job in regards to managing the public stormwater system.

In preparing the Plan, the consultant team addressed data collection, problem area identification, modeling of the stormwater system, retrofit analysis, Capital Improvement Program (CIP) projects, and developing the policies that will guide the implementation of the Plan. A number of new elements were included in the Plan:

1. An analysis of the City's NPDES MS4 permit (i.e., stormwater permit issued by the Oregon Department of Environmental Quality (DEQ)) and Total Maximum Daily Load (TMDL) Implementation Plan (i.e., a plan to address bacteria, mercury and temperature as required by Oregon DEQ) to determine the appropriate management and project objectives in the Plan.
2. Stream surveys (segments of Boeckman Creek, Meridian Creek, Arrowhead Creek, and streams in the Frog Pond Planning Area) to assess the geomorphic condition (e.g., bank erosion, and grade control, such as beaver dams) of stream channels due to hydromodification (i.e., the impact of urban stormwater runoff).
3. A staffing analysis to determine the current and future needs related to operating and maintaining the public stormwater system, including the implementation of future programmatic responsibilities and CIP projects.

The Capital Improvement Program considered the variety of issues and problems associated with the City's public stormwater system and represents a critical piece in the overall management of the system. Projects were prioritized to address the capacity, condition, and maintenance of the system, and improvements associated with water quality and hydromodification. In addition to the identified CIP projects, stormwater programs, such as water quality retrofit and local drainage improvements, were developed to address regulatory drivers and support proactive system maintenance.

A total of 15 capital projects were developed for current and future storm drainage infrastructure needs over the 20-year planning period. Due to phasing some of the projects, these 15 capital projects represent 20 separately costed and phased projects for purposes of prioritization and scheduling efforts. The CIP projects, which are divided into annual, high priority (2024-28), medium priority (2029-33), and low priority, have an estimated total cost of \$72,065,000.

The Plan is a sub-element to the Wilsonville Comprehensive Plan and as such, requires a formal adoption process that first includes a public hearing before the Planning Commission where conclusionary findings are considered for consistency with Statewide Planning Goals followed by a recommendation for adoption to the City Council. The City Council then conducts a public hearing and considers adoption of the Plan by Ordinance.

The Planning Commission public record, including Resolution LP24-0002 and the Conclusionary Findings demonstrating consistency with Statewide Planning Goals are included in **Exhibit A** to Ordinance No. 890. At the public hearing held on March 13, 2024, the Planning Commission recommended the City Council adopt the Plan without further amendment. Planning Commission did suggest edits to the project list, clarifying the consequences of not proceeding with each recommended capital project. The Plan (**Exhibit B**) has been amended to add this suggested clarification to the footnotes of Table ES-1 on Page xi and Table 7-1 on Page 7-9.

EXPECTED RESULTS:

Adoption by the City Council will make the Plan part of the City’s Comprehensive Plan, allowing identified capital and operational improvements to be planned and budgeted. The total estimated amount of capital investment over the 20-year planning period is approximately \$69 million, of which \$19 million is anticipated in the next five years. In addition, annual program costs are estimated to be \$2.5 million. The recommended capital improvements will provide the basis for an analysis of stormwater rates and system development charges (SDCs) that are necessary to adequately fund the improvements required to meet the projected growth and operational needs.

TIMELINE:

A second reading before the City Council for the Plan adoption is scheduled on April 15, 2024. The Plan would become effective 30-days following the second reading and approval of the Ordinance.

CURRENT YEAR BUDGET IMPACTS:

The amended fiscal year 2023-2024 Budget for CIP #7064 includes \$77,425 in storm operations and system development charge funds to develop the Plan.

COMMUNITY INVOLVEMENT PROCESS:

The consultant team prepared a public engagement plan for outreach to interested members of the community and businesses potentially affected by the SMP. The Public Engagement Plan incorporated the City’s existing public engagement tools, including *Let’s Talk Wilsonville* and the Boones Ferry Messenger. A survey was conducted to provide information and solicit feedback from the public related to the project scope and activities. A follow-up survey has been posted to *Let’s Talk Wilsonville* to gather current thoughts about the City’s stormwater services and any stormwater-related topics the public would like to learn more about. The forthcoming Storm System Rate Study and SDC Update will also include a public engagement process with outreach to utility customers and the development community.

POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:

The Plan will benefit the community by providing goals and policies and an updated Capital Improvement Program to serve a growing population and meet environmental regulations.

ALTERNATIVES:

The project team considered and evaluated numerous alternatives to provide the needed storm drainage improvements and recommend a Capital Improvement Program that is efficient and cost effective. The City Council could also chose to adopt the Plan with modifications or not at all.

CITY MANAGER COMMENT:

N/A

ATTACHMENTS:

1. Ordinance No. 890
 - A. Planning Commission Resolution No. LP24-0002, staff report and public record
 - B. 2024 Stormwater Master Plan