



Planning Commission Executive Summary

Issue Title: Stormwater Design Manual Update

Meeting Date: May 19, 2020

Time Required: 1 Hour

Department: Department of Public Works-Road Division

Attendees: Angie Silva (DCD), Scott Diener (DCD), Shawn Alire (DCD), Jenifer Lawrence (DCD), Michele Filley (Public Works), Michelle Perdue (Public Works), David Tucker (Public Works), Robin Kirschbaum (Consultant)

Action Requested at This Meeting: Review proposed update of the Kitsap County Stormwater Design Manual.

Background

- On July 1, 2019, the Washington State Department of Ecology reissued the National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Stormwater Permit (permit). The reissued permit is effective August 1, 2019 through July 31, 2024.
- Ecology updated the Stormwater Management Manual for Western Washington (Ecology Manual) in 2019. The update included substantial reorganization and some significant changes to Minimum Requirements and design guidance, which necessitated an update of the Kitsap County Stormwater Design Manual (SDM) for equivalency with the updated Ecology Manual.
- This project involves updating the SDM, developing a new online version of the SDM, conducting a review of the Kitsap County Code (KCC) to identify barriers to Low Impact Development (LID), and considering revisions to KCC Title 12 (Storm Water Drainage).
- Substantial revisions to Title 12, Title 16 (Subdivision), and Title 17 (Zoning) were made in 2016 that support LID as the preferred and commonly used approach to new and redevelopment, as was required by the permit in effect at that time. No additional revisions to the Titles 16 and 17 are proposed at this time to meet this ongoing requirement.
- Minor updates or housekeeping edits for consistency to Title 12 are anticipated for the purpose of aligning the code with the updated SDM and updated permit requirements.
- The design criteria outlined in the SDM are based largely on guidance furnished by the Ecology Manual, LID Technical Guidance Manual for Puget Sound,

WSDOT Highway Runoff Manual, and WSDOT Hydraulics Manual. These industry standards are established guidelines and standards familiar to local engineers, utilities and affected parties. Local agencies deviating significantly from established standards could increase liability for the County if the result was a perceived infrastructure defect or hazard.

- Application of the SDM is not a substitute for competent design or sound engineering practice. The SDM provides stormwater designers with flexibility to meet regulatory requirements with context sensitive-solutions to specific design challenges.
- The principal internal Kitsap County team responsible for this update included the various DCD and Public Works staff. A steady stream of input and review was also performed by the Roads Engineering design and development services staff.

Public Outreach & Engagement

The Departments of Public Works and Community Development (DCD) worked with the local engineering community to first identify specific sections of the SDM that required update for purposes either of alignment with the updated Ecology Manual or to improve the SDM's ease-of-use. The 1st Draft SDM was published for public review on March 2, 2020 with comments due on April 20, 2020, allowing for approximately 7 weeks of public review. Comments were solicited by reaching out to the press, development associations, social media outlets and the County's website. No written public comments had been received by the close of the public comment period. A workshop with the Kitsap Builders Association (KBA) was conducted on April 20, 2020 to discuss the updates and request comments from the building community.

Tentative Schedule

Below is a tentative schedule of the legislative process.

Planning Commission Process:

- March 2, 2020: 1st Draft SDM Release
- April 20, 2020: KBA Workshop
- May 19, 2020: Kitsap County Planning Commission Work-Study on 1st Draft
- June 2, 2020: Kitsap County Planning Commission Work-Study (if needed)
- June 5, 2020: 2nd Draft Release of SDM and Title 12 Consistency Edits and associated Staff Report
- June 16, 2020: Kitsap County Planning Commission Public Hearing on 2nd Draft of SDM and Title 12
- July 7, 2020: Kitsap County Planning Commission Deliberations and Findings of Fact

Board of County Commissioners Process:

- July 15, 2020: BOCC Work-Study on Planning Commission Findings of Fact and 2nd Draft SDM, Title 12
- July 27, 2020: BOCC Public Hearing on Planning Commission Findings of Fact and 2nd Draft SDM, Title 12
- August 5, 2020: BOCC Deliberation
- August 10, 2020: BOCC Ordinance Adoption

- August 24, 2020: BOCC Ordinance Adoption (if needed)
- September 2020: Internal and External Training Workshops
- January 1, 2021: Ordinance Effective Date

Comments & Changes to Consider

While we encourage and welcome the Planning Commission to review the entirety of the proposed SDM update, the following items may be of special interest:

- A new online version of the SDM to improve accessibility and ease-of-use for designers, landscapers, builders, maintenance professionals, permit reviewers, and inspectors in the office or in the field will be available in June 2020 (2nd Draft SDM).
- Replaced hard surfaces redevelopment thresholds were updated for non-road related commercial or industrial redevelopment projects to require the project proponent to compare the value of the proposed improvements to the value of the Project Site (limits of disturbance) improvements, rather than the Site (entire parcel) improvements. This update was made for equivalency with the Ecology Manual.
- Minimum Requirement (MR) #2 (Construction Stormwater Pollution Prevention Plan), MR #5 (Onsite Stormwater Management), and MR #7 (Flow Control) were updated for equivalency with the Ecology Manual.
- Other updates were made to submittal requirements and references to KCC and Kitsap County Board of Health Ordinances.

Attachments

1. 1st Draft Redline/Strikeout of the SDM (March 2020)
2. 1st Draft of the SDM Major Change Matrix from 2016-2020
3. PowerPoint presentation reviewing regulatory requirements, schedule, and proposed updates to the SDM