



2020 Engineering Development Manual Summary of Changes

The key objectives of the 2020 EDM revisions include:

- Incorporating amendments made to the Shoreline Municipal Code (SMC since the adoption of the 2019 EDM);
- Improve compliance with the City’s Western Washington Phase II Municipal Stormwater NPDES Permit;
- Provide greater clarity; and
- Resolve inconsistencies between the EDM, Standard Plans, and SMC.

Revisions. The tables below summarize the revisions to the 2019 EDM adopted by the 2020 EDM. This is not inclusive of all changes and is intended as a high-level summary.

General/Global Edits	
Content	Removed content that is repetitive in SMC, Standard Plans, and Washington State Department of Ecology (Ecology) 2014 Stormwater Management Manual for Western Washington (Ecology Manual). Updated content to align with SMC amendments and Ecology Manual requirements. Reworded content that has created confusion or difficulty during development review.
References	Updated/revised references to SMC, City departments and staff positions. Removed outdated references to King County standards.
Formatting	Updated figure and table numbering. Revised text styles for clarity. Revised acronym use.

Division 1 - Administration	
Chapter 1	Updated contact information. Updated vesting wording to align with SMC.
Chapter 2	Removed list of permit exemptions. Revised land disturbing requirements for a Site Development permit to Minimum Requirements #1-5. Added temporary shoring right-of-way encroachment requirements.
Chapter 3	Added requirement for Permittee/Applicant regarding notification during right-of-way construction.
Chapter 4	Added right-of-way financial guarantee calculation information.



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Division 2 – Right-of-Way	
Chapter 6	Moved introductory information for this division to Chapter 6. Added links to companion documents
Chapter 7	Updated requirements for maximum extents feasible documentation for facilities non-compliant with the Americans with Disability Act (ADA). Added low impact development (LID) standards for the right-of-way. Revised pedestrian-scale lighting requirements for projects in commercial zoned areas.
Chapter 9	Updated link to street classification map. Updated alley definition to match RCW. Removed outdated Table 5.
Chapter 10	Reorganized requirements for access in Chapter 10. Clarified transition areas.
Chapter 11	Moved requirements for driveway design from Chapter 10 to Chapter 11. Changed driveway spacing to be 40' from nearest point to nearest point
Chapter 12	Clarified use of WSDOT <i>Design Manual</i> for arterial design. Revised typical parking lane width to 6-8 feet. Revised “Woonerf” requirements.
Chapter 14	Renamed to “Pedestrian and Bicycle” instead of “Nonmotorized”. Added off-street bicycle path reference.

Division 3 – Surface Water	
Chapter 19	Added a fourth threshold for Minimum Requirement #7. Added allowance for PIT testing outside of the December 1 to April 1 window. Moved standards for native soil under permeable pavement. Added requirement for geotechnical engineer to observe the excavation and installation of all infiltration facilities. Specified the use of WWHM2012 or an equivalent model. Added reference to Appendix K.
Chapter 20	Added restriction of bioretention within ¼-mile of Echo Lake. Revised wording of phased projects to align with the Ecology Manual. Moved infiltration prohibitions and requirements to Chapter 20 from the old Chapter 21.
Chapter 21	Deleted old Chapter 21. Revised subsequent chapter numbering.

Division 4 – Construction and Inspection	
Chapter 26	Updated trigger for work suspension to include three (3) illicit discharges due to inadequate erosion control.



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Appendices	
Appendix A	Added new and deleted unused acronyms.
Appendix D	Deleted old Appendix D.
Appendix F	Revised street matrix for 185 th Street Corridor Strategy. Updated generic cross section to meet current vision. Removed outdated references to Greenlink and Town Center code.
Appendix H	Deleted old Appendix H regarding infiltration testing methods. Moved modifications to Chapter 19.
Appendix K	Revised layout of appendix and updated approved plantings for stormwater facilities.
Appendix L	Updated list of standard plans with new standard plans and adoption of WSDOT drainage plans.