

NOTICE TO COUNCIL OF PROPOSED RULEMAKING ACTION

(Via Email)

DATE: 07/18/2022
TO: County Council (by Email) Via
Debbie Eco, Clerk of the Council
Elena Lao, Assistant Clerk of the Council
FROM: Ryan Peterson, Supervisor, Public Works
SUBJECT: Amendments to the Snohomish County Engineering Design and
Development Standards (EDDS)

Notice Date: 07/17/2022

Request for Comments: Comments on the following proposal are requested from interested parties.

Proposed Rulemaking Action: Pursuant to Snohomish County Code (SCC) 30.82.040 (Rulemaking) the Department of Public Works (DPW) is proposing amendments to Chapters 1-07, 1-09, 4-03, and 6 of the Snohomish County Engineering Design and Development Standards (EDDS), as generally described below.

EDDS Reference Number with General Summary of Amendments:

1. Clarified which references in Chapter 1-07 were specifically cited in the EDDS and which references were general references upon which the EDDS are based.
2. Reorganized the references in Chapter 1-07 from two subsections (A and B) into and five subsections (A through E) organized by common source.
3. Added to the list in Chapter 1-07 the following specific references currently cited in the EDDS text: FHWA Hydraulic Engineering Circular No. 11, FHWA Hydraulic Engineering Circular No. 14, Open Channel Hydraulics Ven Te Chow, 1959
4. Updated the reference in Chapter 1-07 to the Washington Administrative Code (WAC) to remove references to specific sections of the WAC. Specific sections are called out in the text.
5. Added to the list in Chapter 1-07 the following new specific references to be cited in EDDS based on proposed EDDS revisions: Code of Federal Regulations (CFR), BLM Manual of Surveying Instructions for the Survey of the Public Lands of the United States, National Bridge Inspection Standards (NBIS), Manual for Assessing Safety Hardware (MASH).

6. Added to the list in Chapter 1-07 the following new general reference: Guide to the ADA Accessibility Standards (U.S. Access Board)
7. Added hyperlinks to electronic versions of the specific and general references listed in Chapter 1-07 that are available to the public for free.
8. Added a sub-section F. Other Federal and State Standards to Chapter 1-07 to clarify that the county may be subject to other Federal and Washington State standards even if they are not specifically or generally referenced in EDDS.
9. Added a sub-section G. Precedence to Chapter 1-07 to separate out the language that addresses which standards take precedence between Federal, State and local standards when there is a conflict between them.
10. Revised Chapter 1-09 Permits to clarify that it is the applicant's responsibility to obtain all necessary permits for their project from the county and/or from other jurisdictions.
11. Updated the format of the Chapter 4-03 Survey Monuments and Corners section by adding descriptive headers to each section and sub-section, renumbering/relabeling each section and subsection using alphanumeric characters so that they are easier to identify and find using the EDDS Table of Contents and updated and added hyperlinks to electronic versions of cited references that are available for free to the public.
12. Clarified in the Chapter 4-03 Survey Monuments and Corners section the standard steel reinforcing bar specifications for survey monuments.
13. Clarified in the Chapter 4-03 Survey Monuments and Corners section the land development activities and related activities that require boundary establishment.
14. Revised in the Chapter 4-03 Survey Monuments and Corners section the permanent marking requirements for monumentation and added a reference to the Bureau of Land Management (BLM) manual. EDDS Standard Drawing 4-130 is being updated to reflect the revised monumentation requirements.
15. Revised the Chapter 4-03 Survey Monuments and Corners section requirements for offset monuments.
16. Revised the Chapter 4-03 Survey Monuments and Corners section requirements for road monument setting and placement including the addition of a requirement to set a monument at the end of road stubs.
17. Clarified in the Chapter 4-03 Survey Monuments and Corners section the recording requirements for monumentation.
18. Revised and clarified the Chapter 4-03 Survey Monuments and Corners section requirements for monumentation of aquatic boundaries.
19. Updated the format of the Chapter 6 Bridges section by adding descriptive headers to each section and sub-section, renumbering/relabeling each section and subsection using alphanumeric characters so that they are easier to identify and

find using the EDDS Table of Contents and updated and added hyperlinks to electronic versions of cited references that are available for free to the public.

20. Added “and Buried Structures” to the title of Chapter 6 - Bridges
21. Added Chapter 6-01.D to describe what is a buried structure.
22. Added Chapter 6-02 Bridges and Buried Structures Information and added plan submittal requirements and county inspection and acceptance standards.
23. Deleted EDDS Standard Drawings 6-010, 6-020, 6-030A, and 6-030B because they are out of date and the external bridge standards referenced in EDDS contain sufficient details of current standards to make the standard drawings in EDDS unnecessary
24. Renumbered and renamed the Chapter 6-04 Special Permits to 6-03 Permits from Other Agencies.
25. Renumbered Chapter 6-02 Pedestrian Bridges to Chapter 6-04 Pedestrian Bridges
26. Reorganized the standards in Chapter 6 Bridges and Buried Structures section titled Bridge Design Elements to include headers for each standard that will make them easier to find via the Table of Contents and renumbered from Chapter 6-03 to Chapter 6-05.
27. Clarified the minimum bridge widths for public and private roads as well as how the bridge width shall be measured in the renumbered Chapter 6-05.B.
28. Increased the sidewalk width for urban area bridges from 5 feet to 6 feet in the renumbered Chapter 6-05.B.
29. Revised in the bridge height and abutment requirements for water crossing structures and refer to Washington Administrative Code (WAC) 220-660-190 in the renumbered Chapter 6-05.C.
30. Revised the live load requirements for vehicular bridges and for active transportation bridges, the superimposed load requirements for utilities and asphalt overlays, and the load requirements for all other loads not mentioned in EDDS in the renumbered Chapter 6-05.E.
31. Clarified the approach slab design requirements for bridges in the renumbered Chapter 6-05.F.
32. Added scour protection and pier/foundation requirements in the renumbered Chapter 6-05.G.
33. Clarified that all bridge decks shall be concrete and that all reinforcing steel shall be hot-dip galvanized in the renumbered Chapter 6-05.H.
34. Revised in Chapter 6 Bridges and Buried Structures the guardrail and pedestrian railing requirements.

35. Renumbered Guardrails and Railings Chapter 6-05 to Chapter 6-06 and added the requirement that rails be compliant with the Manual for Assessing Safety Hardware (MASH) and designed in accordance with specific AASHTO and WSDOT standards.

36. Removed the requirement that approach guardrails be made structurally continuous with bridge railings and added a minimum pedestrian railing height requirement to the renumbered Chapter 6-06.

Comment Period: A twenty-one (21) day public comment period starts on 07/17/2022 and ends at 5:00 p.m. on Monday, 08/08/2022.

Contact Person: All comments must be in writing and sent to Ryan Peterson by email at ryan.peterson@snoco.org.

Review Process: Written comments received during the comment period will be considered by the County Engineer who, pursuant to SCC 30.82.040(1), may approve the proposal in whole or in part, with or without changes, or repeal the proposal entirely. Pursuant to SCC 30.82.040(2) notice of the County Engineer's action will be provided to the Clerk of the County Council, published in the County newspaper of record (The Herald), and sent to any person who submitted written comments.

To learn more about the proposed amendments:

- Refer to the EDDS web page at: <https://snohomishcountywa.gov/492/Design-Standards-EDDS>, or
- Contact Ryan Peterson by email at ryan.peterson@snoco.org.

To Comment on the Proposed Amendments:

- All comments must be in writing (email or letter) and sent to the contact person listed above.
- All written comments must contain the commenters name, mailing address, and email address if applicable.
- Only written comments received on or before 5:00 p.m. on Monday, 08/08/2022 will be considered.

ADA Notice: Snohomish County strives to provide accessible facilities and services to all members of the public. Sign language interpreters and communication materials in alternative forms will be provided on request, please contact the County's EEO Officer at 425-388-3511 (for TTY first dial 711).

Attachments:

- A copy of the proposed EDDS amendments with the text sections shown in Track Changes format (i.e. changes are in color with deleted language shown with ~~strikeouts~~ and new language shown as underlined).
- A clean copy of the proposed EDDS amendments shown without changes.