



PROPOSED RULE MAKING

CR-102 (June 2012)

(Implements RCW 34.05.320)

Do NOT use for expedited rule making

Agency: Department of Natural Resources

<input checked="" type="checkbox"/> Preproposal Statement of Inquiry was filed as WSR 17-11-074 ; or	<input checked="" type="checkbox"/> Original Notice
<input type="checkbox"/> Expedited Rule Making--Proposed notice was filed as WSR _____; or	<input type="checkbox"/> Supplemental Notice to WSR _____
<input type="checkbox"/> Proposal is exempt under RCW 34.05.310(4) or 34.05.330(1).	<input type="checkbox"/> Continuance of WSR _____

Title of rule and other identifying information: (Describe Subject) Topographic Map Requirements. The proposed rule is an addition to WAC 332-130 creating a new section that provides requirements for the production of topographic maps prepared by a licensed land surveyor. The department of natural resources is authorized by RCW 58.24.040 to set up standards of accuracy and methods of procedure as they relate to the practice of professional land surveying.

Hearing location(s):

- Clark College: 1933 Fort Vancouver Way
Vancouver, WA 98663, Science Bldg. Room 125
Date: August 22, 2017 Time: 6 pm.
- Renton Tech Annex: 3407 NE 2nd St
Renton, WA 98056, Room 113
Date: August 23, 2017 Time: 6 pm.
- Hilton Garden Inn at Spokane Airport:
9015 W Highway 2, Spokane, WA 99224
Date: August 31, 2017 Time: 6 pm.

Submit written comments to:

Name: Patrick J. Beehler, PLS
 Address: 1111 Washington St SE
 Olympia, Washington 98504-7030
 e-mail pat.beehler@dnr.wa.gov
 fax (360) 902-1778 by (date) September 8, 2017

Date of intended adoption: September 22, 2017
 (Note: This is NOT the effective date)

Purpose of the proposal and its anticipated effects, including any changes in existing rules:

Topographic surveys and the maps produced to document and display the results are a product of professional land surveying practice separate from boundary surveys. Our intention in drafting the proposed WAC is to provide a set of requirements for a topographic map that can stand on its own apart from boundary survey map requirements as set in WAC 332-130-050. It may be that maps produced by a professional land surveyor will have some elements of several or all of the different types of surveys. The proposed requirements are specifically for topographic maps.

Reasons supporting proposal: There are currently no requirements for the production of topographic maps by licensed professional land surveyors. Critical and pertinent information is often missing from the final map. This proposal will direct the land surveyor to provide information that is needed for the intelligent interpretation of the final topographic map. The proposed rule will be used by the board of registration for engineers and land surveyors to assure compliance.

Statutory authority for adoption: RCW 58.24.040

Statute being implemented:

Is rule necessary because of a:

Federal Law?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Federal Court Decision?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
State Court Decision?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If yes, CITATION:

CODE REVISER USE ONLY

OFFICE OF THE CODE REVISER
 STATE OF WASHINGTON
 FILED

DATE: July 14, 2017

TIME: 2:31 PM

WSR 17-15-076

DATE

7/14/17

NAME (type or print)

Angus Brodie

SIGNATURE

Angus Brodie

TITLE

Deputy Supervisor State Uplands

Agency comments or recommendations, if any, as to statutory language, implementation, enforcement, and fiscal matters:

Name of proponent: (person or organization) Department of Natural Resources

- Private
- Public
- Governmental

Name of agency personnel responsible for:

Name	Office Location	Phone
Drafting..... Patrick J. Beehler, DNR	1111 Washington St SE, Olympia, WA 98504-7030	(360) 902-1181
Implementation.... Kristina Horton, DNR	801 88th Street SE, Tumwater, WA, 98501-7019	(360) 902-1197
Enforcement..... Board of Registration for PE & LS	6135 Martin Way E, Lacey, WA 98516	(360) 664-1564

Has a small business economic impact statement been prepared under chapter 19.85 RCW or has a school district fiscal impact statement been prepared under section 1, chapter 210, Laws of 2012?

Yes. Attach copy of small business economic impact statement or school district fiscal impact statement.

A copy of the statement may be obtained by contacting:

Name:
Address:

phone () _____
fax () _____
e-mail _____

No. Explain why no statement was prepared.

There is no fiscal impact to the professional surveyor preparing the topographic map.

Is a cost-benefit analysis required under RCW 34.05.328?

Yes A preliminary cost-benefit analysis may be obtained by contacting:

Name:
Address:

phone () _____
fax () _____
e-mail _____

No: Please explain: There is no fiscal impact to the professional surveyor preparing the topographic map.

NEW SECTION

WAC 332-130-145 Topographic map requirements. The following requirements shall apply to topographic mapping surveys performed by individuals licensed under chapters 18.43, 18.96, and 18.210 RCW. Such requirements should be considered minimum only. The professional conducting the work will determine what precision and accuracy are expected to be utilized for topographic mapping services necessitating various levels of accuracy. Negotiation, requests, and contractual requirements with clients, jurisdictions or other professionals will determine the specifics and quality of the vertical information provided.

The following elements shall be included on every survey map that has topographic information.

- (1) Graphic information:
 - (a) North arrow;
 - (b) Scale bar;
 - (c) Legend of symbols used;
 - (d) Company and licensee contact information;
 - (e) Seal and signature of licensee.
- (2) Statements of clarification of vertical information shown on mapping.
 - (a) Vertical datum used;
 - (b) Purpose or intended use of topographic mapping (if relevant);
 - (c) Basis of elevations citing benchmark(s) used with elevation(s);
 - (d) Source of contours;
 - (e) Sufficient labeling to determine contour interval(s);
 - (f) Project bench marks established (if any);
 - (g) Statement of elevations and contour accuracy.
- (3) Boundary information (if shown).
 - (a) Source of the boundary information as required by WAC 196-23-020 (3)(c) if map is not prepared by a professional land surveyor;
 - (b) A record of survey prepared by a professional land surveyor is required if monuments are set per chapter 58.09 RCW;
 - (c) Survey map requirements as listed in WAC 332-130-050.
- (4) Underground utilities information (if shown).
 - (a) Source of surface markings (if any);
 - (b) Statement of accuracy of utility line depiction;
 - (c) Notification if utility line not exposed or marked for location purposes;
 - (d) Statement of underground utility depiction purpose and limitations of use.