



Environment
2023 CFL Annual A/E Meeting

Today's Topics

- Introductions
- Environmental Commitments and SCRs
- CWA Section 401 Water Quality Certification Improvement Rule
- Communication and Check-in points
- Stormwater Lump Sum Projects

Introductions



Lisa Hemesath



Greg Badon

Introductions



David (Casey) Balthrop



Greg Bergquist – Acting Team Lead

Introductions



Trevor Moulton



Leslie Perry

Introductions



Tamara Burke



Dan Dell'Agnese

Environmental Commitments and SCRs

Specification Writers' Guide

<https://highways.dot.gov/federal-lands/specs>



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Standard Specifications (FP) ▾

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- CFL Supplemental Specifications
- EFL Supplemental Specifications
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Archives

FLH Specification Procedures

Specification Writers' Guide

State Specifications

Standard Specifications (FP-14)

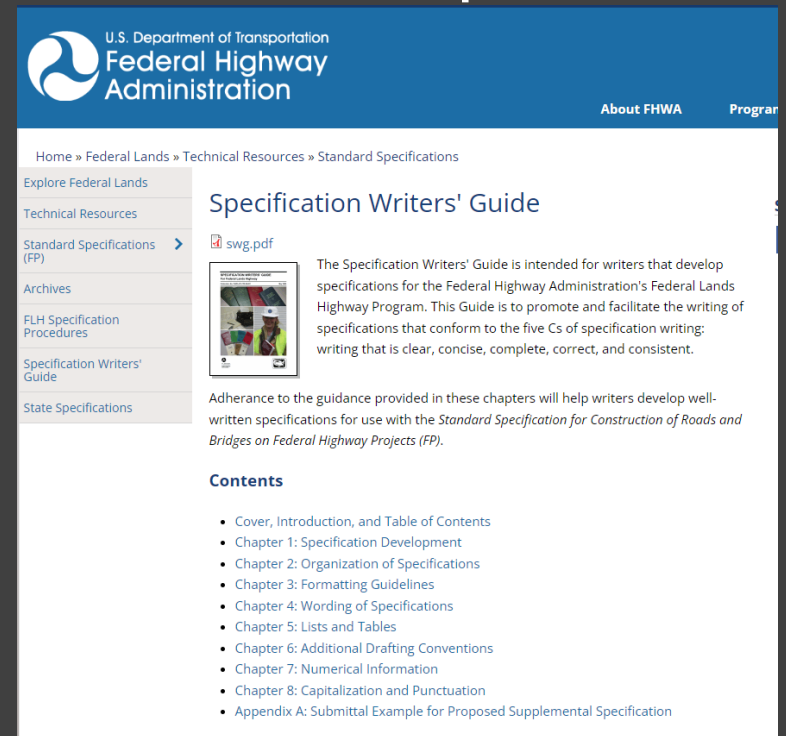
The Standard Specifications for the Construction of Roads and Bridges on Federal Highway Projects (FP) is issued primarily for constructing roads and bridges on Federal Highway projects under the direct administration of the Federal Highway Administration. It is also used by the U. S. Forest Service and other Federal agencies on their projects. These specifications are cited as "FP-14" indicating "Federal Project" Standard Specifications issued in 2014 and contain both United States Customary and Metric units of measure.



 [View/Download the FP-14 \(PDF\)](#)

 [View/Download the FP-14 \(Word\)](#)

Use of the above downloadable versions of the FP-14 is encouraged; however, FLH customers may obtain a paper copy of the FP from their Contracting Officer. A single paper copy can also be obtained from the Research & Technology Product Distribution Center (RTPDC) by e-mail report.center@dot.gov, phone 814-239-1160, or fax 814-239-2156.




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FLH Specification Procedures

Specification Writers' Guide

State Specifications

Specification Writers' Guide

The Specification Writers' Guide is intended for writers that develop specifications for the Federal Highway Administration's Federal Lands Highway Program. This Guide is to promote and facilitate the writing of specifications that conform to the five Cs of specification writing: writing that is clear, concise, complete, correct, and consistent.

Adherence to the guidance provided in these chapters will help writers develop well-written specifications for use with the *Standard Specification for Construction of Roads and Bridges on Federal Highway Projects (FP)*.

Contents

- Cover, Introduction, and Table of Contents
- Chapter 1: Specification Development
- Chapter 2: Organization of Specifications
- Chapter 3: Formatting Guidelines
- Chapter 4: Wording of Specifications
- Chapter 5: Lists and Tables
- Chapter 6: Additional Drafting Conventions
- Chapter 7: Numerical Information
- Chapter 8: Capitalization and Punctuation
- Appendix A: Submittal Example for Proposed Supplemental Specification

Environmental Commitments and SCRs

- Translation of commitments to SCRs
 - Convey Instructions
 - Clarify Responsibility
 - Passive Voice -> Active Voice
 - Not verbatim
- Clear and concise commitment – Easy translation to SCR.
- Unclear? - Contact EPS and partner to clarify intent of mitigation measures

Environmental Commitments and SCRs Example

Commitment:

Construction limits will be mapped and may be flagged or fenced to protect sensitive areas.

Environmental Commitments and SCRs Example

Commitment:

Where appropriate and available, "environmentally friendly" grease, hydraulic oil, and bar and chain oil will be used. These lubricants are vegetable or mineral oil based, less toxic, and biodegradable.

See also:

Whenever feasible, contractor will...

As a general practice, construction and maintenance work will...

Environmental Commitments and SCRs Example

Commitment:

Nightwork is not allowed within 1 mile of residences.

In order to avoid impacts to threatened and endangered species, nightwork is not allowed within Canada lynx habitat.

SCR:

Nighttime work is only allowed from station 3065+00 to 3615+00.

Environmental Commitments and SCRs Example

Commitment:

No construction activities are allowed during Sharp-tailed Grouse lek season (March 1 through April 15). Colorado road segments CR 105, CR 128, CR 111, and CR 134 are mapped in Sharp-tailed Grouse production areas.

SCR:

N/A – Construction start date May 1. PE Memo.

Communication and Check-in Points

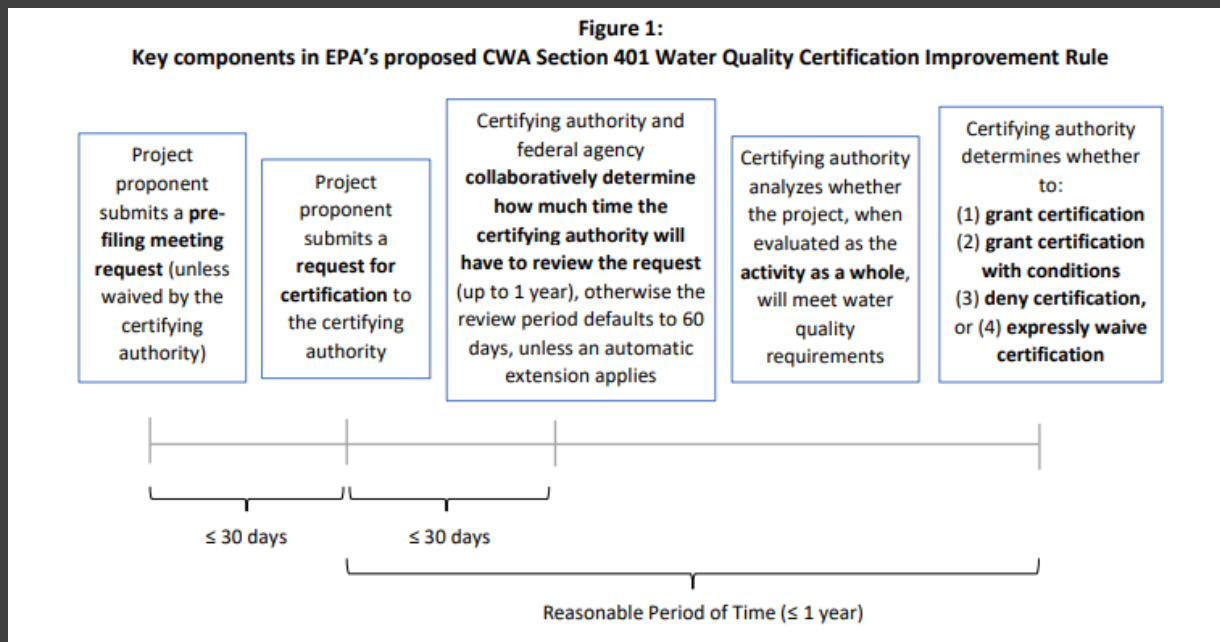
- Communicate design changes back to EPS
 - Important milestones
 - Especially changes after 70%
 - NEPA Re-Eval
 - Additional Consultation
 - Permit Mods

EPA 401 Water Quality Certification Rule Updates

- New process for obtaining Individual 401 Water Quality Certifications
- Title 40 Chapter 1:D - § 121 -STATE CERTIFICATION OF ACTIVITIES REQUIRING A FEDERAL LICENSE OR PERMIT

EPA 401 Water Quality Certification Rule Updates

- Does not apply to certified NWP's
- Applies to most CA projects




Stormwater Lump Sum Projects

- Lump sum – All project moving forward
- CFL Stormwater team: Multidisciplinary team that drafts/revises SCR language, Lump pay items, deliverables from CFL and AEs

CFL Stormwater Manual

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CFL Stormwater Practitioners Guide

 [cfl-stormwater-guide.pdf](#)

 [cfl-stormwater-guide-appendix.pdf](#)

CFLHD Stormwater Guide Appendix A - State NPDES Requirements

The FHWA-CFLHD is proposing refinements to how its Permanent Stormwater Management Design Process is implemented. This section aims to document the permanent Stormwater Design process so that projects can consistently evaluate stormwater BMPs during project development.

DOT is committed to ensuring that information is available in appropriate alternative formats to meet the requirements of persons who have a disability. If you require an alternative version of files provided on this page, [please contact us](#).

<https://highways.dot.gov/federal-lands/construction/cfl-stormwater-guide>