WSDOT | NEWSLETTER
TRAINING

Training events from around WSDOT Project Development with an emphasis on design.

Featured Training

Contents

NEPA/SEPA

Jan 30 - Olympia

Come celebrate 50 years with the National Environmental Policy Act (NEPA) with us during this training. This interactive overview of the National and State Environmental Policy Acts (NEPA/SEPA) fundamentals, provides participants with a brief history of NEPA and SEPA, review of their legal frameworks, and discussion on procedural accuracy and substantive adequacy. For more information, contact Ashley Carle.

NEPA TURNS 50 | ESO celebrates the 50th anniversary of our national charter for environmental protection – the National Environmental Policy Act.

Visual Impact Analysis Workshop with FHWA

Jan 23 - Olympia

This workshop will review FHWA's updated Visual Impact Assessment (VIA) Guidelines and Questionnaire (2015) and help participants become familiar with the VIA process and four documentation options. Overview of process phases include the Establishment, Inventory, Analysis, and Mitigation Phases. Instructors will describe types of VIA documentation and provide examples. For more information, contact Ashley Carle.

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TRAINING On Demand

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Practical Design using the Basis of Design

Adobe Flash is needed to run these courses.

- Chapter 1100 Practical Design
- Chapter 1101 Need Identification
- Chapter 1102 Context Identification
- Chapter 1103 Design Control Selection
- Chapter 1104 Alternatives Analysis
- Chapter 1105 Design Element Selection
- Chapter 1106 Design Element Dimensions

The following courses can be accessed through WSDOT's LMS. From the intranet homepage, click on the LMS (training) link under the Hot Links on the right side of the page. This will take you to the Training and Development page. Once there, click on the Learning Management System link in the third paragraph under Featured Courses. This should take you to your LMS page. From there, click on the Course Catalog icon. On the course catalog page, use the search bar to search the exact name of the course you are looking for. Tip - you have to click on the magnifying glass to initiate your search; pressing enter won't work and the advance search button accesses advanced search features.

Determining Requirements by Listening to the Voice of the Customer in Six Sigma

Customers are at the heart of all Six Sigma initiatives, and this focus on customers is what makes Six Sigma an outstanding organizational performance improvement program. It discusses some common customer data collection methods – such as surveys, interviews, and focus groups – and looks at how to ensure validity and reliability in data collection. In addition, the course illustrates how tools such as CTx, SIPOC, Kano analysis, critical-to-quality (CTQ) analysis, and quality function deployment (QFD) are used to translate customer data into critical customer requirements and actionable goals for the Six Sigma team. This course is aligned with the ASQ Certified Six Sigma Black Belt certification exam and is designed to assist learners as part of their exam preparation. It builds on foundational knowledge that is taught in SkillSoft's ASQ-aligned Green Belt.

No Right of Way Verification & Sufficient Property Rights (Flow Chart) Training

The new eLearning for No ROW Verification is available through the Right of Way Training and Education website. This training is required for those responsible for making decisions on whether a federally funded local agency project has ROW needs, and for those completing the Design Approval Documentation form (Local Agency Guidelines Manual-Appendix 43.62). This training focuses on the process of reviewing the PS&E to verify a no ROW determination. The training also covers Property Rights or Interest flowchart and the Type of Property Rights Necessary flowchart to aid your agency in making clear and consistent property related decisions.

Other Resources

Construction
Vicki Frucci, CN Trainer

Roadside Development & Landscape Architecture
Juli Hartwig, PLA

Traffic Design
Flint Jackson, Traffic Signals
Brian Walsh, Traffic Mgr.

Traffic Operations
Monica Harwood, Traffic Ops.

Utilities, Railroads & Agreements
Connie Raezer

HR/Staff Development
Jennifer Martin

Did You Know?

If you have a Timberline Library card you can access a number of Lynda.com courses for free, including several project management courses.

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Context Modal Accommodation Report (CMAR)

Context information is useful in an examination of tradeoffs involved in designing for the needs of all roadway users. Because the Basis of Design (BOD) requires an examination of context in order to determine modal priority, the Context and Modal Accommodation Report (CMAR) has been developed to help you walk through the guidance associated with context identification and other guidance published in Design Manual Chapters 1102 and 1103.

Context and Modal Accommodation report training walks you through the step by step process, the data sources, and the tools you'll need to complete a CMAR. This four hour training provides an overview, detailed instructions, and a real world example. By the end of the course you'll be prepared to fill out your own CMAR, or be a confident reviewer of a CMAR that's been developed for you. Contact Mark Gabel for details.

Practical Solutions Overview (PS 101)

PS 101 training is available by request. Several options are available, including one-day, condensed or small group classes, as well as Practical Solutions training tailored to specific disciplines. These instructor-led classes provide an interactive environment for learning, and benefit new and veteran staff. An eLearning course is available – search WSDOT Practical Solutions Overview OLT on the LMS course catalog.

Contact Kate Severson at seversk@wsdot.wa.gov or 360-709-8003 for training options that fit your organization's needs.

Training Contacts

Access & Hearings
LeRoy Patterson

Bridge & Structures
Bijan Khaleghi

Computer Aided Engineering
Clint Hill

Design and Development
Mark Gabel

Environmental
Gretchen Coker

Highway Safety
Ida van Schalkwyk

Hydraulics
Alex Nguyen

Local Programs/LTAP
Lynn Noah

Practical Solutions
Kate Severson

Survey Support
Jeff Graham

Maintenance (pdf)
Jim Anderson

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TRAINING Instructor-Led

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Design Manual Update Webinar

The Design Manual chapters 1010, 1120, & 1610 are being updated at the end of December to comply with December 2019 MASH implementation. Following this publication, the Design Office is hosting 2 identical webinars to announce the changes. The first of the two webinars will be broadcast the morning of January 30th, 8 a.m. to 12 p.m. and the second webinar will broadcast on the afternoon of February 4th, 1 p.m. to 4 p.m. We hope that these two different dates and times will maximize the opportunity for interested individuals to attend and ask questions during the live broadcasts. The webinar will also be recorded, and then made available on the Design Manual website. If you have any questions about the webinar, contact John Tevis. September's update webinar can be found here.

Cost Estimating Classes

Inaccurate cost estimating has dogged transportation projects for years. The public wants to know how much a project will cost, how long it will take, and why.
We had a great class in Vancouver on September 24. Don't miss the opportunity to attend one of the remaining courses.
Register for Cost Estimating through LMS. It is available on the following dates:

23 Jan 2020 — Tumwater
29 Jan 2020 — Port Orchard
11 Mar. 2020 — Spokane

Practical Solutions Highway Safety Manual

HQ design is planning classes in this training series for the last quarter of the year. To learn more about the training program see this link, and contact Ida van Schalkwyk.

2020 Annual Right of Way (ROW) Meetings

Registration is now open through LTAP for the WSDOT Local Programs Annual ROW Meetings. Meetings will be held from 9:00 AM – 3:30 PM on the following dates:

- Tuesday, February 4, 2020 – Northwest Region (Federal Way)
- Wednesday, February 5, 2020 – Northwest Region (Everett)
- Tuesday, February 18, 2020 – Olympic Region (University Place)
- Wednesday, February 19, 2020 – Southwest Region (Vancouver)
- Tuesday, March 3, 2020 – Eastern Region (Spokane)
- Wednesday, March 4, 2020 – South Central Region (Yakima)
- Thursday, March 5, 2020 – North Central Region (Wenatchee)