



INTEGRATED PROJECT DELIVERY (IPD)

a CULTURE where we PROMISE what we are GOING TO DO and DELIVER what we PROMISE.

— NCDOT's Project Delivery Vision

April 2022 IPD Newsletter

What's Changed in Hydraulic Design?

2022 Guidelines for Drainage Studies and Hydraulic Design – Major Changes

Why The Update?

The NCDOT Hydraulics Unit created a "light" update to reorganize the Guidelines to better align with the Project Delivery Network (PDN). It is also intended to consolidate the Units various memos and other guidance documents into the Guidelines. It is intended to create a "living document" that will be easier to update in the future.

NEW 2022 Guidelines website

The 2022 Guidelines website has changed and has a new look!

- Chapters now have dropdowns with the Chapter and its associated documents
- Additional Documentation is also located in the Tabs at the bottom
- Always check the website for the current version! Future updates will be noted with the date change.
- <https://connect.ncdot.gov/resources/hydro/Pages/DrainageStudiesGuidelines.aspx>

NEW No More Separate Appendices & References

The Appendices and References have been incorporated into the individual chapters.

The following have been removed from the 2022 Guidelines:

The Hydraulics Unit is happy to announce a new handout that briefly describes the major changes from the 2016 to the 2022 Guidelines for Drainage Studies and Hydraulic Design. Topics include:

- Hazardous Spill Basin Policy Repealed
- Hydroplaning Guidance
- Updated BSR/CSR Templates
- Level of Service Determination and Risk Analysis

This handout is located on the [Hydraulics Drainage Studies Guidelines site](#) under the Revision Summary section or can be downloaded directly.

Updated Invoice Templates & Training on April 27

The standard templates for cost plus invoices and lump sum invoices will be updated soon. NCDOT will host a virtual training for internal staff and industry partners from noon - 1p.m. on April 27.

The training will provide detailed instructions on the use and processing of invoices with suggested best practices. Time will be allowed for questions.

[Register for the Apr. 27 Invoice Template Training >](#)



Best Practices for Updating Guidance Lunch & Learn

The CLEAR program is hosting a *Best Practices for Updating Guidance* Lunch and Learn from 11:45a.m. to 1:00p.m. on April 26. This event offers 1 Professional Development Hour and is available to internal and external staff.

CLEAR
Communicate Lessons, Exchange Advice, Record

LUNCH & LEARN
APR. 26, 2022

Best Practices for Updating Guidance

Sign up [here](#) to register to hear an overview of the Strategic Guidance Update Plan (SGUP), how it will be used to keep the Hydraulic Guidelines compatible with the latest information technologies and innovative practices, including user input and knowledge transfer. For any questions or comments, contact CLEAR@NCDOT.GOV.

[Sign up to receive invites to future Lunch & Learns >](#)

Project Delivery Network Updates Coming Soon Seeking Feedback!

The Integrate Project Delivery (IPD) team is coordinating with each NCDOT business unit to review comments, edits and notes received during the last year. They are also seeking feedback from highway divisions and industry partners via the [comments form](#).

The updated Project Delivery Network (PDN) is scheduled to be released this summer. So, please submit any PDN suggestions by the end of April.

Project Delivery Network

Update in Progress,
Provide Feedback by 4/30

IT Tools and Training In Development



Over the past few years, the department has experienced a lot of change. To support this change, the N.C. Department of Information Technology established a core training team to prioritize training needs, develop training materials and train end users.

[Find out what the team is working on >](#)

ATLAS Application Quarter 1 Webinar

The ATLAS Team hosted a 2022 Quarter 1 update webinar on April 14. The webinar highlighted recent enhancements and bug fixes. Updated information is available on the [Project ATLAS](#) site. If you have any questions about ATLAS or the updates, contact the ATLAS Team at ATLAS@ncdot.gov.

Additionally, ATLAS won a 2021 Exemplary Systems in Government (ESIG) award by URISA, which recognizes extraordinary achievements in the use of geospatial information technology. The ATLAS Team will be hosting a webinar on May 20 at noon to highlight the tool's functionality.

[Register for May 20 ATLAS Webinar >](#)

[Watch the ATLAS Overview Video >](#)



Integrated Project Delivery

Resources for streamlining and improving the delivery process - from concept through construction

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