



INTEGRATED PROJECT DELIVERY

February 2019 NEWSLETTER

This month we would like to highlight some of the exciting things that are taking place with our Integrated Project Delivery (IPD) efforts. The Team has been working diligently with project delivery staff and some of our sister state DOTs to evaluate opportunities for improving existing processes. Below we have highlighted some of those efforts. As always, if you have ideas or suggestions on areas of improvement please submit your thoughts by visiting the Project Management webpage on [Connect NCDOT](#).

”
a **CULTURE** where we **PROMISE**
what we are **GOING TO DO** and
DELIVER what we **PROMISE**
– NCDOT’s Project Delivery Vision
“

IPD Team Progress

In January, the IPD Team met with representatives of Utah, Texas, Florida, and other State DOTs, representatives of Metropolitan and Rural Planning Organizations, along with NCDOT unit heads and staff from Central and Division offices to develop recommendations and best practices. We are focused on the four core areas of project delivery - **Planning, Environmental, Final Design, and Construction** and the critical role of our **Project Managers and Technical Staff**. While we have engaged a tremendous number of professionals and organizations inside and outside NCDOT, there’s still work to be done with additional meetings planned into February. The first result of our efforts, a **Scope/Schedule/Budget Change Template** will be provided to NCDOT for use in February. This form will enable NCDOT project managers to see and approve the results of any proposed change with the potential to impact the project schedule. We are also **documenting the process for preparing a project for Letting**, which will become available this month.

Introducing: DEEP (Delivering Efficiently and Effectively - Projects Workgroup)

In concert with our IPD efforts, a small team of federal and state agencies are “DEEP “in thought about how to make transportation project development and delivery more effective and efficient as it relates to environmental coordination and permitting. DEEP was created at the June 2018 Summit where the senior leadership from NCDOT, DEQ, USACE, and FHWA identified the need to collaborate on ways to enhance and improve coordination, with special focus on long-range planning all the way to receiving the project's permits. Having team members like USACE and DEQ provides valuable resource agency perspectives and is a great complement to the suite of IPD improvements to come. DEEP will share their initial recommendations in late February.

MS Project Schedules

Project schedules outline the major milestones, deliverables, tasks, critical path and timeframes for project delivery and are an essential part of project management. Ideally, every project should have a project schedule, which would be generated by the consultant and verified by the Project Manager in consultation with the Project Team.

Project schedules are important because they show the roadmap on how the project will be delivered. Project Managers can use MS Project to establish the relationships between tasks and timeframes, along with the critical path, which shows the dependency of key tasks needed to complete the project in the shortest time possible. If one task slips, the schedule automatically updates, showing the revised timelines for tasks on the critical path to meet delivery. An MS Project schedule also shows internal and external commitments and allows the Project Team to see how the activities of the Project Manager, technical staff, and consultant(s) are integrated.

To support this best practice, a short course on MS Project will be offered for NCDOT Project Managers beginning this month. Project Managers will be contacted by the Technical Services Division in the next couple weeks to assess interest, get the software downloaded, and sign up for training.

Support

If you have questions, need assistance or have suggestions, please submit your request through the Project Management webpage using the Contact Form on [Connect NCDOT](#).