



Project Delivery Newsletter

Connecting the Dots in Preconstruction

Spring 2024

2024 Preconstruction Workshop



This year's Preconstruction Workshop will be held on September 30th and October 1st at the McKimmon Center in Raleigh. On September 30th the business units across NCDOT will be hosting a career fair from 9:00am to 2:30pm for high school and college students, as well as those interested in a new career with NCDOT. There will also be a SPSF Outreach with our division offices from 10:00am to noon.

Registration for the Preconstruction Workshop will go live in July and more detailed information will be coming. Save the date!

ORD SERVICE PORTAL: CADD Support & Knowledge Base

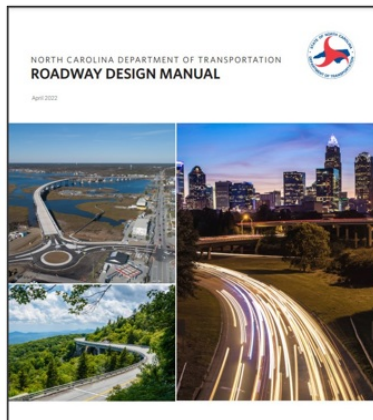


NCDOT's **ORD SERVICE PORTAL** is now available (currently only for NCDOT staff) and can be reached at the following [link](#). The portal is a new means of CADD support and ORD knowledge Base development, intended to replace legacy e-mail support and some website functionality.

Digital Delivery and 3D Modeling with ORD will come with challenges and many questions as the Department transitions to designing in the new platform. The Knowledge Base system will provide a searchable open forum where questions and responses will be captured. Users can search the system for articles and previous Q&A's about their CADD related questions. If no answers are found, questions can be submitted as a "support ticket" which will be answered and posted to the Q&A forum ... building the knowledgebase for everyone!

The system is currently only available for NCDOT staff. However, availability for our consultant partners will be coming soon.

Roadway Design Manual Update



An update to the Roadway Design Manual will be released at the end of May to address comments and feedback received after the previous update in November 2023.

One major change to the May 2024 update is the incorporation of the updated Roadway Submittal Guidelines into Chapter 13. The Roadway Submittal Guidelines will supersede the October 2015 "Guidelines to be Used by Consultants for Producing Roadway Plans". Other additions to the RDM are the addition of Section 4.9.1 Median Slopes and 9.4.1 Flyover Ramps. Other changes will be detailed in the RDM redlines which will be available on the website once the update is released.

Click menu below to view previous versions of the RDM.

Select Manual by Update ▾

Click menu below to view previous RDM redlines.

Select Manual Documents ▾

Legacy Roadway Design Manual

Manual Cover Inserts



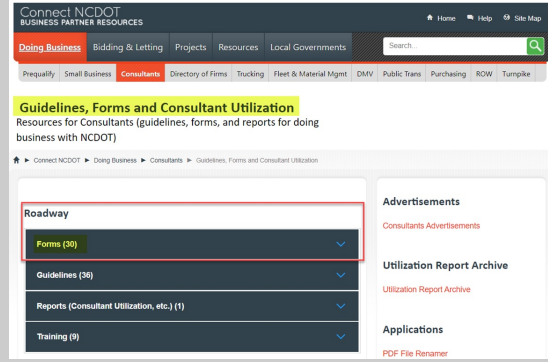
Contact Form

For questions, feedback, and to sign up for notifications to the *Roadway Design Manual*.

Previous versions of the manual are now available by using the appropriate dropdown menu. Using the RDM redlines drop down menu will allow you to see the highlighted list of what was changed followed by a marked up version showing the exact changes. A copy of the Legacy Roadway Design Manual continues to be provided.

Anyone with questions or comments about the manual's content are encouraged to use the Contact Us Form link on the Roadway Design Manual website. Announcements regarding updates to the Roadway Design Manual content will be distributed through a variety of means, including but not limited to the Project Delivery Newsletter, ACEC, and NCLUG. The contact form can also be used to request being added to a distribution list for notifications of future updates.

NCDOT has published an updated version of the Workday Estimate tool on the [NCDOT Connect website](#) that includes a few minor enhancements and updates to some disciplines. Please be sure to download the latest version from the website, which has a published date of April 12, 2024. If you have any questions, please reach out to [Robert Stroup](#).



Constructability Review Program and Post Construction Assessment Program



Value Management offers multiple opportunities to find ways to reduce risk, ease constructability challenges, reduce costs, and enhance projects across the state. Two of these opportunities are Constructability Reviews and Post Construction Assessments. A Constructability Review brings designers, construction, and contractors to the same table to discuss the project and find ways to ease constructability challenges on the project. These meetings also help reduce risks, enhance designs, and reduce costs. The Post Construction Assessments are completed when the construction of the project is completed. These meetings

bring our planners, designers, construction, and maintenance teams together with the project contractor to discuss what went well on the project, best practices and lessons learned. These discussions provide an opportunity to incorporate things learned from past projects into future designs. To learn more about either of these programs and to work with Value Management to coordinate a meeting for your projects, email valuemanagementunit@ncdot.gov

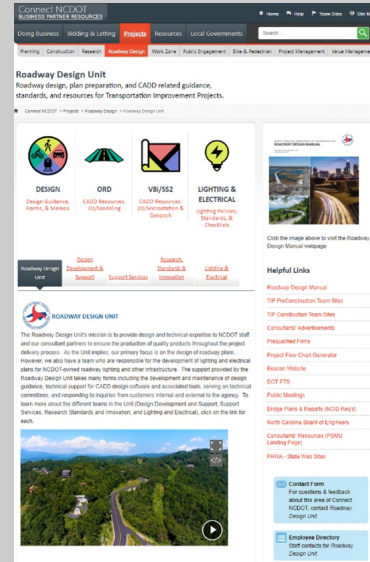
Roadway Design Unit: Website Redesign

The Roadway Design Unit is giving their website a facelift!

The redesigned website will provide more intuitive, searchable and streamlined access to Highway Design Resources, CADD Resources, and resources for Lighting and Electrical Designs.

All the usual Guidance, Policies, Forms, Memos, Checklists, Training, and Helpful Links will still be available ... and of course the Roadway Design Manual.

Look for the updated website in late May/early June on [NCDOT's CONNECT website](#) in the usual location under [Projects / Roadway Design](#).



Upcoming Lunch and Learns

Lunch and Learns hosted by NCDOT's Value Management Office, are a great way to learn more about transportation disciplines and NCDOT related topics. The Lunch and Learn sessions are open to NCDOT employees and industry partners, and are free. In addition, the sessions offer 1.0 CPE, CLE or PDH hours.

Upcoming Lunch and Learns:

- **Monday, June 24, 2024:** NCDOT Revenue and Funding for Projects
- **Wednesday, July 17, 2024:** Scenic Byways and Wildflowers
- **Wednesday, November 6, 2024:** NCBELS Ethics



To receive email notifications for upcoming lunch and learns, sign up [here](#).

Consultant Service Account Email Addresses

In coordination with the ACEC / NCDOT Project Delivery Subcommittee, NCDOT has started obtaining service account emails from our consultants. Currently there is not a good way to pass along information to our industry partners in preconstruction to notify them of any updates for design, policy changes, etc. This list of service account emails can remain a constant for NCDOT while the firm updates the people attached to the service account. Please encourage your firms to submit their service account emails (not individual emails) [here](#). If you have any questions please contact [Terry Canales](#).

Project Delivery Connection

Keeping you informed and engaged with NCDOT preconstruction updates

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