

AGENDA

NCDOT / ACEC-NC / CAGC ALTERNATIVE DELIVERY SUBCOMMITTEE

Date: November 12, 2024, at 10:00 a.m.

Location: **In Person:** Century Center Bld. A – Technical Services Conference Room Col. C11 (Cap. 20)

Virtual: MS Teams

NCDOT / NCTA Items

1. Announcements
2. NCDOT Updates
 - a. Hurricane Helene Update
 - Division 13 won't do a site visit for every project
 - b. VEP ROW Cost Sharing
 - NCDOT doesn't want to participate in cost sharing for the actual cost of the ROW
 - c. I-40 Repairs CM/GC
 - Awarded to AMES
 - d. US74/NC9/US64 PDB
 - Select within the next week; 11/21
 - Wright Bros. Construction Co. / STV selected team.
 - e. US 74/US64 Gerton CMGC
 - Shortlisting today, selection on Friday.
 - Wright Bros. Construction Co. selected CMGC.
 - f. Progressive Design Builds (4 projects)
 - Draft RFQ Next Week; 11/19
 - Site Visit 11/ 25 & 11/26 for all 4 projects. Will likely do 2 sites on 11/25 and 2 sites on 11/26.
 - NCDOT plans to stagger proposal submissions. They may consider a single proposal for multiple project submissions; however, they need to check with FHWA.
 - Department on hold with advertising the 4 PDB's pending coordination between FHWA and FEMA.

Upcoming Design-Build Projects (Anticipated DB List)

- ADU will investigate whether any of the Hurricane Helene Emergency projects have a rail scope.

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- Emergency legislation temporarily waived current PDB and CMGC criteria requirements from the Hurricane Helene Emergency projects, including the number of projects that NCDOT could advertise, and the construction estimate caps for PDB and CMGC.

BR-0024 - I-40, Replacement Bridge 480102 on I-40 Westbound over Third Creek, Iredell County

- Anticipated September 2027 Advertisement
- Anticipated May 2028 Let Date
- Preliminary Construction Estimate - \$32 million
- *Discussions on adding the I-40 EB bridge to the project

BR-0256 / BR-0257 Replaces Bridge 330354 on I-40 Bus / US 421 over Brushy Fork Creek and Bridge 330355 on I-40 Bus / US 421 over Lowery Court SE in Forsyth County

- Anticipated May 2029 Advertisement
- Anticipated January 2030 Let Date
- Preliminary Construction Estimate - TBD

BR-0083 - Replace Bridges 440057 & 440115 on US 64 over French Broad Overflow, Iredell Co.

- Anticipated August 2028 Advertisement
- Anticipated April 2027 Let Date
- Preliminary Construction Estimate - \$15 million

HB-0018 - I-40 Replace Bridges 6 & 7 over the Catawba River, Iredell County

- Anticipated January 2028 Advertisement
- Anticipated September 2028 Let Date
- Preliminary Construction Estimate - \$60 million

I-2513C - I-240 / I-40 / I-26 Interchange

- Anticipated October 2028 Advertisement
- Anticipated June 2029 Let Date
- Preliminary Construction Estimate - \$262 million

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I-5703 - Reconstruct I-40 / I-440 / US 1 / US 64 interchange

I-5701 - I-40 / US 64 from the I-440 / US 1 / US 64 interchange to SR 1370 (Lake Wheeler Road)

- Widen from six to eight lanes

- Anticipated Ma 2026 Advertisement
- Anticipated January 2027 Let Date
- Approximately 3.5 miles
- Preliminary Construction Estimate - \$431 million

I-5718 - I-77 from South Carolina State Line to I-277 / NC 16 (Brookshire Freeway) interchange

(Exit 11) - Widen to ten lanes by constructing managed lanes - Reconstruct I-277 interchanges and install ramp meters – **NCTA**

- Anticipated late 2020's Let Date
- Approximately 11.2 miles
- Preliminary Construction Estimate - \$2.6B

I-5719A - I-85 from US 321 to NC 7 - Widen to eight lanes

U-6044 - SR 2200 (Cox Road) From I-85 to US 29-74 widening and intersection improvements

- **Anticipated December 2027 Advertisement**
- **Anticipated August 2028 Let Date**
- **Preliminary Construction Estimate - \$613.5 million**

R-0204E - US 221 / NC 226 (Marion Bypass) from I-40 to SR 1153 (Goose Creek Road) Widen to Multi-lanes, McDowell County

- Anticipated July 2027 Advertisement
- Anticipated April 2028 Let Date
- Approximately 2.3 miles

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Preliminary Construction Estimate - \$74 million **R-2576** - Mid-Currituck Toll Bridge - **NCTA**

- Anticipated October 2025 Advertisement
- Anticipated June 2026 Let Date
- NCTA to obtain permits - Permit Modification required by Design-Build Team
- Approximately 9.9 miles
- Procurement Type to be Determined - Design-Build / Design-Build Maximum Cap / Design-Build Finance - Department is in the process of preparing an application for this year's federal grant opportunities
- Preliminary Construction Estimate - \$914 million
- **NCDOT didn't get the grant for the project, which creates a significant funding gap.**
- **RPO recommended to consider a P3 procurement.**
- **NCDOT submitted permits in September.**
- **NCDOT anticipates delays in the procurement schedule.**

U-5307A - US 1 from I-540 to north of SR 2006 (Durant Road)

- **Anticipated August 2025 Advertisement**
- **Anticipated April 2026 Let Date**
- Approximately 1.7 miles
- Preliminary Construction Estimate - \$296 million

U-5518 - US 70 (Glenwood Avenue) from I-540 to SR 3100 / SR 3109 (Brier Creek Parkway)

- Anticipated August 2027 Advertisement
- Anticipated April 2028 Let Date
- Approximately 2.8 miles
- Preliminary Construction Estimate - \$230 million

U-5774F - NC 54 from east of Little Creek to east of I-40, Durham County, (Possible Progressive DB)

- **Anticipated May 2030 Advertisement**
- Anticipated January 2031 Let Date
- Approximately X.X miles
- Preliminary Construction Estimate - \$156 million

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Hurricane Helene Recovery Projects

US 19W North Progressive DB –From SR 1386, Piney Hill Road, to SR 1343 Murphytown Road; Includes Will Higgins Road/ Murphytown Road/ Huntendale Road

- Anticipated Advertisement TBD
- Optional Site Visit November 25-26
- Anticipated PDB Selection TBD
- Approximately 13.47 miles
- Approximately Preliminary Construction Estimate - \$638 million

US 19W South Progressive DB –From SR 1454, Cane River School Road to SR 1386, Piney Hill Road. Includes Little Creek Road / Phillips Road

- Anticipated Advertisement TBD
- Optional Site Visit November 25-26
- Anticipated PDB Selection TBD
- Approximately 9.8 miles
- Approximately Preliminary Construction Estimate - \$563 million

NC197 Pensacola Progressive DB – From .56 miles South of 19E to SR 1100

- Anticipated Advertisement TBD
- Optional Site Visit November 25-26
- Anticipated PDB Selection TBD
- Approximately X.X miles
- Approximately Preliminary Construction Estimate - \$581 million

Toe-Nolichucky River Basin Progressive DB – Road construction and bridge replacements

- Anticipated November Advertisement TBD
- Optional Site Visit November 25-26
- Anticipated PDB Selection TBD
- Approximately X.X miles
- Approximately Preliminary Construction Estimate - \$244 million

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Carolina AGC Items

1. Disclosure of Projects with LDs in SOQs and Technical Proposals
 - NCDOT will look into revising disclosure of LDs.
2. Emergency Express DB Process for Hurricane Helene Recovery
 - Looking for bids within a week of Final RFP
 - Evaluating Lump Sum, considering some unit rates for pay items, still unknown
 - The amount of information NCDOT provides (survey, Geotech, hydro) will dictate how long teams need for proposal.
 - NCDOT has reached out to suppliers and is evaluating early orders of core slab bridges.
3. Tech Proposal Questions before Technical Presentations
 - NCDOT will consider and providing who needs to answer questions.
4. Cost Escalation
 - Comments to consider escalation risks.
5. Size of Projects
 - Comments about consideration for smaller projects.
6. CPM Schedule Requirements
7. Project Warranty & Extra Credit Scoring
 - The Department provides the following breakdown for discussion:
 - 1) All items 20 years & secured with a bond not a Corporate Guarantee. 5 Pts
 - 2) Major items 15 years with a Bond 4 Pts
 - 3) Major items 10 years with a Bond 3 Pts
 - 4) Major items 5 years with a Bond 2 Pts
 - 5) Corporate Guarantee 1 Pt

Major Items: Structures, Pavement, Major fills/Embankment, etc.
Points subject to change per project.

ACEC Items

1. CMGC/Progressive DB Projects

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- a. Update on current legislative position for CMGC and Progressive DB?
 - Can only proceed with PDB if NEPA hasn't been completed, need a revision. Have a work around for Hurricane recovery.
 - b. Can the Department provide any details on the procurement process; i.e. lump sum vs T&M, Innovation period, GMP details, etc. PSPL requirements?
 - NCDOT currently considering Cost Plus initially and transitioning to lump sum when the contractor submits the GMP.
 - NCDOT will consider PSPL requirements.
2. Hurricane Helene Bundle Packages
- a. On site mandatory meetings?
 - Meetings won't be mandatory. Division 13 has already stated they won't be able to facilitate site visits at all the locations. NCDOT exploring the use of drone technology for virtual site visit meetings.
 - b. Procurement timeline? What does the cadence and tempo look like for the bridge bundle advertisements?
 - NCDOT still evaluating, but they anticipate 1 bundle per week.
 - NCDOT has 180 days to get under contract for the emergency projects to receive 100% of the FEMA funding.
 - c. Do you intend to use unit rates as part of this procurement?
 - NCDOT plans to use some combination of unit rates and lump sum items.
3. Does the Department anticipate changes to the project list based on the Hurricane Recovery efforts?
- NCDOT doesn't anticipate any changes to STIP, no blanket suspensions for active projects unless impacted by affected area.

Next Meeting: 2/4; 10AM