TDOT SITUATIONAL REPORT: 03/14/2025

FACTS / FIGURES

49 sections of state/local routes originally closed, **43** of those have reopened. The (6) six remaining State Routes that are closed, are under contract to be repaired and reconnected.

13 state bridges originally closed, **8** of those have reopened. (it's 14)

Of the **13** state bridges, **1** (SR 351) is open with 1-lane under signal control. This will require a long-term bridge repair. The remaining 5 were destroyed and will require a rebuild.

Those 5 bridges are:
Washington SR-81 Nolichucky River Bridge
Washington SR-353 Nolichucky River Bridge
Greene SR-107 Nolichucky River Bridge
I-26 bridge @ MM 39.6 Eastbound
I-26 bridge @ MM 39.6 Westbound

- **8** total counties in the disaster declaration:
  - **6** counties in the original declaration: Cocke, Greene, Washington, Carter, Unicoi, Johnson. These are the six counties with the most damage. The Commissioner has been on the ground in all six.
  - **2** counties subsequently added to the declaration: Hamblen, Hawkins

- FORCE OF THE WATER: At one point during the storm, over **1.2** million gallons of water per second flowed over the Nolichucky Dam. In comparison, Niagara Falls' peak daily flow is **700,000** gallons of water per second.

- Roughly **800** TDOT team members, from across the state, mobilized to report to the hardest-hit areas that are especially remote, rural, and mountainous. These TDOT employees specialize in various fields including Geotech, survey, bridge inspection, design, project development, right of way, and maintenance personnel in the field.

- TDOT crews have worked tirelessly to assess damage and have inspected **all state-owned** bridges over water, **490** bridges across all six major disaster counties that could have had damage.

- Total: **519** state-owned in those counties

- Crews have assessed **136** locally owned bridges in the six counties needing assessment. Of those, **11** are closed. **7** have been washed away.
  - Total: City/County owned in the six major counties is **718**

Interstate Project Updates:

- I-40 UPDATE: Open 1 lane in each direction from MM 446.2 at the Tennessee Welcome Center to Harmon Den Exit 7 in North Carolina. Speed limit will be 40 MPH in TN and 35MPH in NC and a width restriction of 8.5'.
  - Contractor: Blalock & Sons, and Jones Brothers
  - Estimated Completion: December 2025

- I-26 UPDATE: WB/NB side open for 1-lane traffic in each direction
  - Contractor: Summers & Taylor
  - Estimated Completion: June 2025
  - **The EB bridge deck was poured 1/28/2025.**
  - Allowing the deck to cure, parapet wall installation, PABE, paving, and guardrail will be the next activities to occur

State Route Project Updates:

Carter:

- SR-37 (US-19E) LM 1.48 –
  - Contractor: Summers-Taylor
  - Pre-con to be held 2/3/2025
  - Estimated completion: July 2025
  - Soil Nail contract to repair embankment failure

- US-321 (SR-67) –
  - Design-Build Team: Michels Construction Inc./Dan Brown and Associates
  - Owner Representative: Arcadis
  - Project CEI: Gresham Smith
  - Estimated Completion: May 2025
  - ROE has been granted for all properties that require access.
  - Emergency temporary stabilization is currently underway.
  - Long range plan is to install micropiles and pour new footers.

- SR-159 (US-321, Carter/Johnson) –
  - Contractor: Baker's Construction Services, Inc.
  - Estimated Completion: August 2025
  - Contractor has added detour signs and barricades on both ends of Site 4.
  - River diversion is being removed (left).
  - Contractor continues the construction of the block wall at Site 2 (right).

Greene:

- SR-107 Bridge – Progressive Design Build
  - Design- Build Team: Kiewit/Benesch
  - Owner Representative: Arcadis
  - Project CEI: RK&K/Thompson
  - Estimated Completion: June 2025.
  - Crews are currently drilling/pouring six-foot drilled shafts. Half the shafts have been poured.
  - Early Work Package 1 approved – provide for girder and casing procurement.
  - Early Work Package 2 agreement reached, contract in process – drilled shafts and haul road
  - Chuckey water line is currently being relocated.
  - 90% plans were submitted on 1/18/2024 and are being reviewed.
  - Guaranteed Maximum Price (GMP) negotiations on-going

- SR-351 Bridge – Open 1-lane traffic with temporary signal
  - Force account work completed by Southern Constructors
  - CNZ125 has been included in the Feb 7, 2025, Bridge Repair
  - Contractor: Jamison Construction, Inc.
  - Estimated Completion date: June 2025.

Johnson:

- SR-34 (US-421) – The route is now open from North Carolina to Mountain City.
  - Contractor – Maymead
  - All other work for force account has been completed

Unicoi:

- SR-36 –
  - Contractor – Summers-Taylor, Inc.
  - Estimated Completion Date: April 2025
  - Temporary Signals in place to assist in the movement of traffic movements.
  - Work at sites 1, 2, 3, 5, 6, 10, & 11 is complete
  - Gabion basket construction at main washout is underway (site 12)
  - Most of the smaller sites (that do not include gabion baskets) have been addressed

- SR-81 (Unicoi/Washington) –
  - Contractor: Baker's Construction Services, Inc.
  - Estimated Completion Date: May 2025
  - Final surface paving completed
  - Permanent pavement markings as weather permits.
  - Planned Opening Friday 3/14/2025

Washington:

- SR-81 Bridge – Progressive Design Build
  - Design- Build Team: Kiewit/Benesch
  - Owner Representative: Arcadis
  - Project CEI: RK&K/Thompson
  - Estimated Completion: June 2025.
  - Crews are currently drilling/pouring six-foot drilled shafts. Half the shafts have been poured.
  - Early Work Package 1 has been executed, which provided for girder and shaft casing procurement.
  - Early Work Package 2 has been executed, which provided for drilled shaft/causeway work to begin
  - 90% plans were submitted on 1/18/2024 and are being reviewed.
  - GMP negotiations on-going

- SR-353 Bridge – Alternate Delivery Project
  - Owner Consultant Design Firm: Gresham Smith
  - Owner Representative: American Structurepoint, Inc.
  - Contractor: Summers & Taylor (Awarded 2/11/2025)
  - Preliminary Plans completed
  - Estimated Design Build Team Notice to Proceed: February 2025

Debris Removal Update:

WaterwaysDebrisFactsheet.pdf Debris Dashboard

Contracts CNY288 ($15M) and CNY289 ($10M)

- Greene County (CEI THOMPSON)
    - State 100% Complete
    - Local 100% Complete
- Cocke County (CEI THOMPSON)
    - State 95% Complete
    - Local 95% Complete
- Johnson County (CEI NEEL-SCHAFFER)
    - State 100% Complete
    - Local 75% Complete (Working and picking up every day. Working with mayor. We are grabbing all eligible. We have been asked to do some private routes but were unable. However, we are accommodating as much as possible)
- Carter County (CEI NEEL-SCHAFFER)
    - State 100% Complete
    - Local (TDOT did not do local)
- Washington County (CEI VOLKERT)
    - State 95% Complete
    - Local 85% Complete
- Unicoi County (CEI VOLKERT)
    - State 90% Complete
    - Local 95% Complete
- Hamblen County (CEI THOMPSON)
    - State 100% Complete
    - Local 95% Complete

ADDITIONAL INFO

- Unicoi – we are currently with the hospital. It appears this debris is eligible, and we can pick it up
- Unicoi – Industrial Rd. we cannot pick up commercial debris that is pushed to our ROW. Currently there is one company that pushed debris to I-26. Sarah McBride is currently working on a letter.
- DEBRIS PICKUP DEADLINE IS FEB 28th. We won't be on every route that last day, so debris needs to be staged asap (not commercial debris, utility debris or trash bags as they are ineligible)
- We are working with counties to get a "sign-off" once we believe all debris is picked up. However, in some of these counties, hauling will continue from our DMS (Debris Management Sites) to final destination after February.

RIVER CLEANUP STATUS (THIS IS THROUGH TEMA AND NOT TDOT

- Phillips and Jordan won this contract

PJ has started this contract and is currently working

Right-of-Way Property Transaction Updates: (added numbers from Johnson SR-34)

- # of properties to which access for work in upper East TN is needed – **103 (79)**
- # of those properties agreed to by property owners through non-condemnation means – **42 (33)**
- # of those in condemnation because we couldn't reach/find/locate those people – **56 (42)**
- # of those in condemnation because the property owner chose that path – **5 (4)**

General Talking Points:

- This storm has caused historic damage to bridges and roadways, especially in Upper East Tennessee. TDOT anticipates hundreds of millions of dollars in damage and months of closures.

- In an effort to supply clean running water to residents, TDOT worked with several agencies to lay water lines along bridge decks to restore water to communities.

- To bolster efforts and restore our transportation system as safely and quickly as possible, TDOT has already executed several construction and debris removal contracts to supplement our crews. These additional assets are already on the ground working. More will be awarded in the upcoming weeks. Additionally, multiple alternative delivery advertisements are underway, which allows us to move more quickly in getting infrastructure back online for these communities that so desperately need it.

- As a reminder, TDOT is able to accelerate project delivery (alternative delivery) thanks to the passing of the TMA.