



South Carolina Department of Transportation

Major Activities

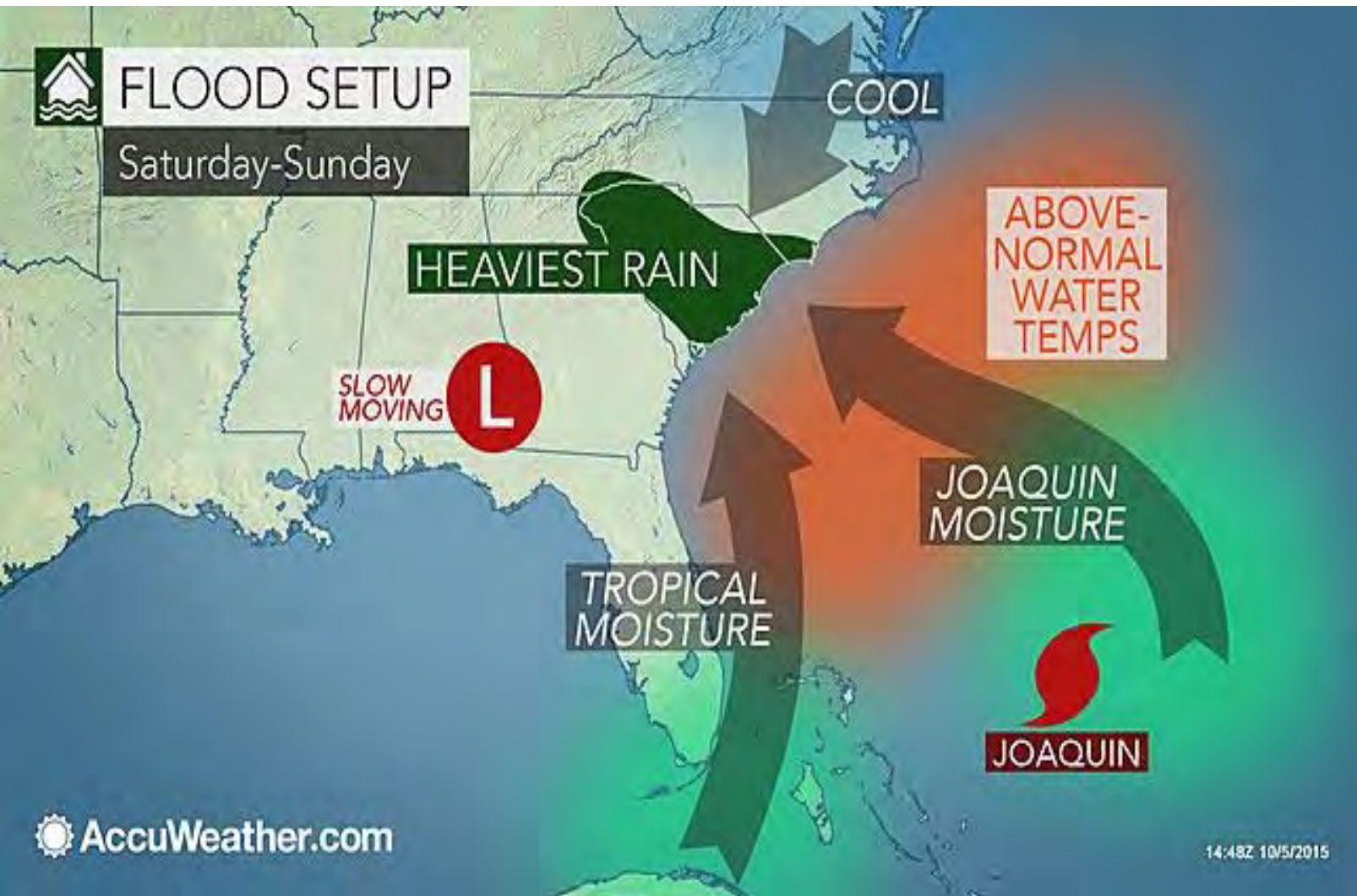
Interim Secretary Christy A. Hall, P.E.



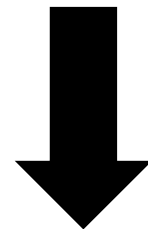
Major Activities

- ❖ Organizational Changes
- ❖ Focus Areas
- ❖ Legislative Hearings & Audits
- ❖ Normal Program of Maintenance, Preconstruction & Construction
- ❖ Emergency Responses: Tanker Fires, King Tides & Flood





Hurricane Joaquin tropical moisture
+
Non-tropical storm in the South
+
Strong High Pressure to the North



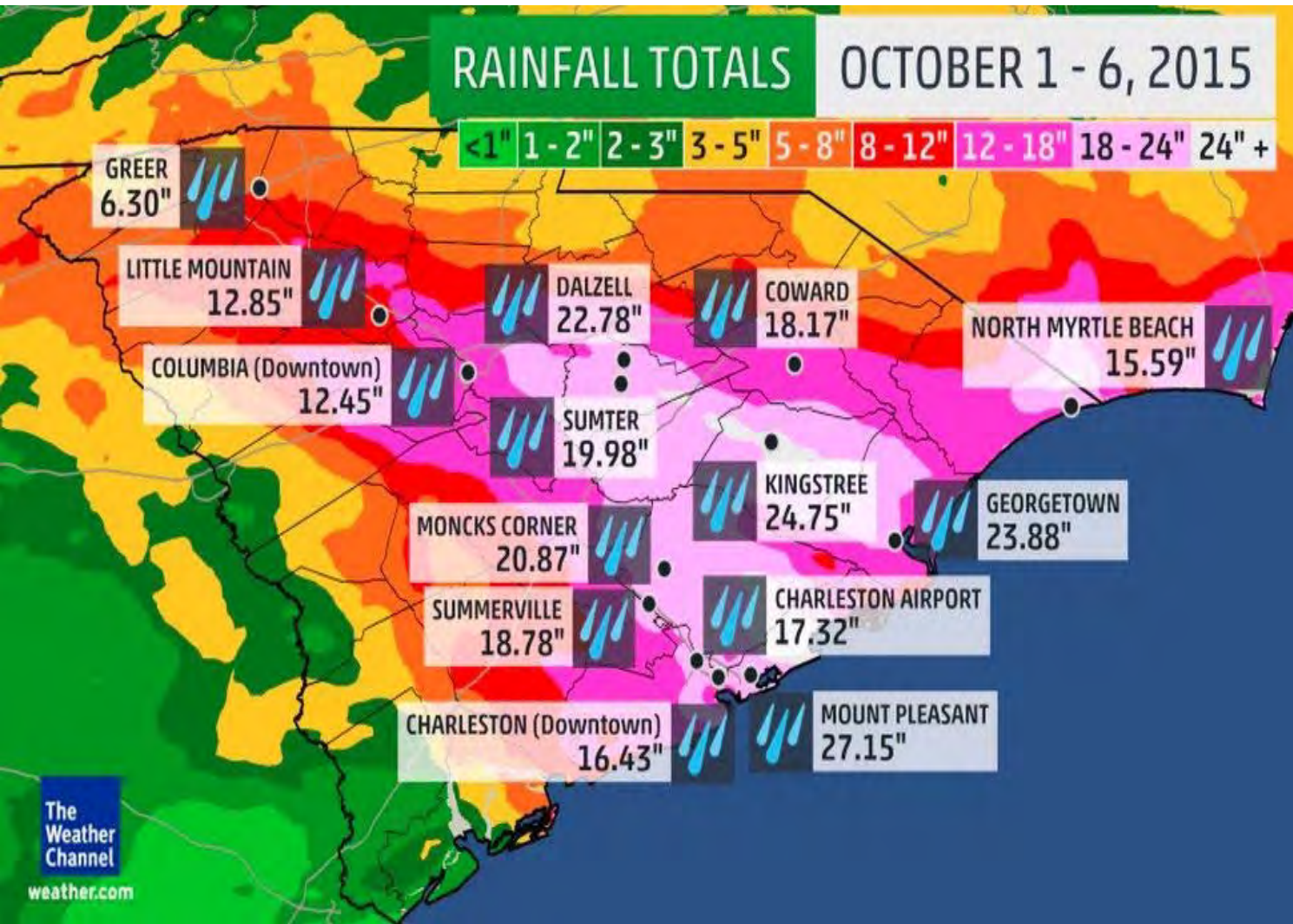
Stalled System



Prep Activities

- ✓ Clear drainage structures.
- ✓ Synch internal efforts.
- ✓ Coordinate externally.
- ✓ Pre-position and adjust.
- ✓ Analyze floodways.
- ✓ Activate pre-established contracts.





Slide #5



Caughman Road in Richland Co



Congaree Road in Lower Richland



Dorchester Road near Summerville



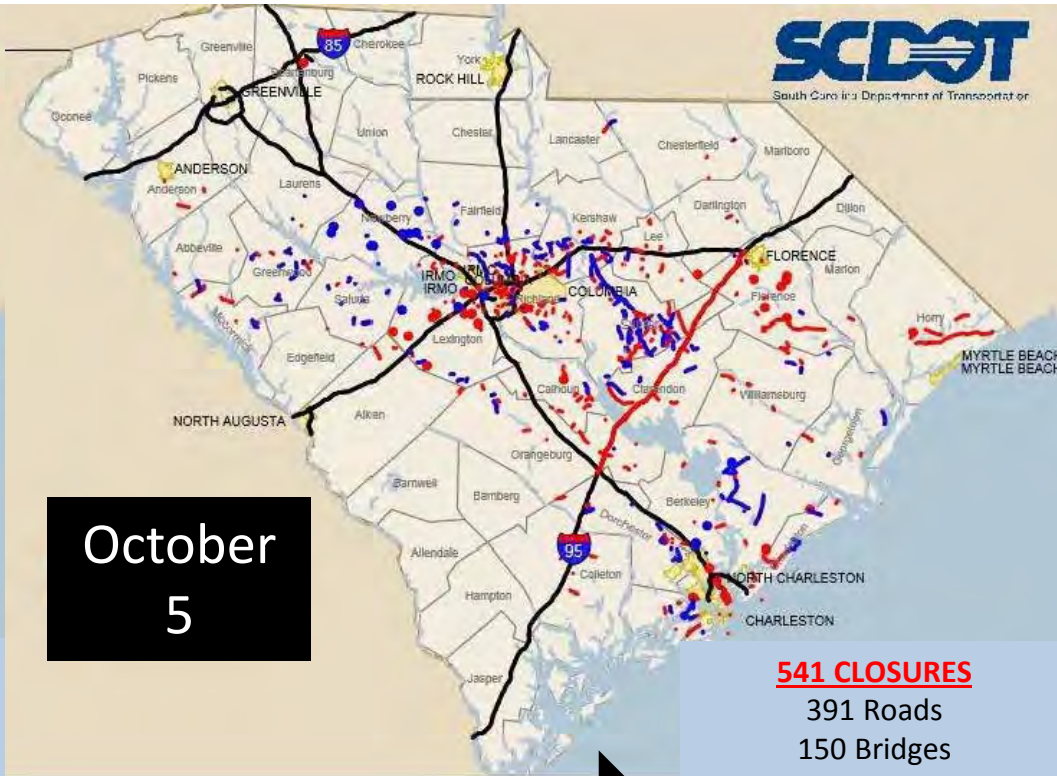
Clarendon County



Response

- Safety is top priority.
- Close roads and bridges as needed.
- Utilize entire maintenance force.
- Mobilize bridge inspectors & engineers.
- Coordinate.
- Assist Counties and Municipalities.
- Communicate often.





48 hours



Recovery Plan

- Secure, Assess, Prioritize, Remove Debris & Restore.
- Develop a work plan and resource it.
- Effectively manage FHWA Emergency Relief and FEMA programs.

Key Strategies

- Maximize utilization of internal workforce.
- Close coordination.
- Communicate frequently.
- Contain costs & maximize reimbursements.



SCDOT will participate in 2 Federal Programs



FHWA

Emergency Relief Program

FEMA



FHWA: Emergency Relief Program

- 100% reimbursement for emergency repairs on a portion of the Federal-Aid system for the first 180 days. Reverts to normal split after 180 days.
- Participation levels for permanent repairs follow normal split (80-20 or 90-10).

US 176 Bridge

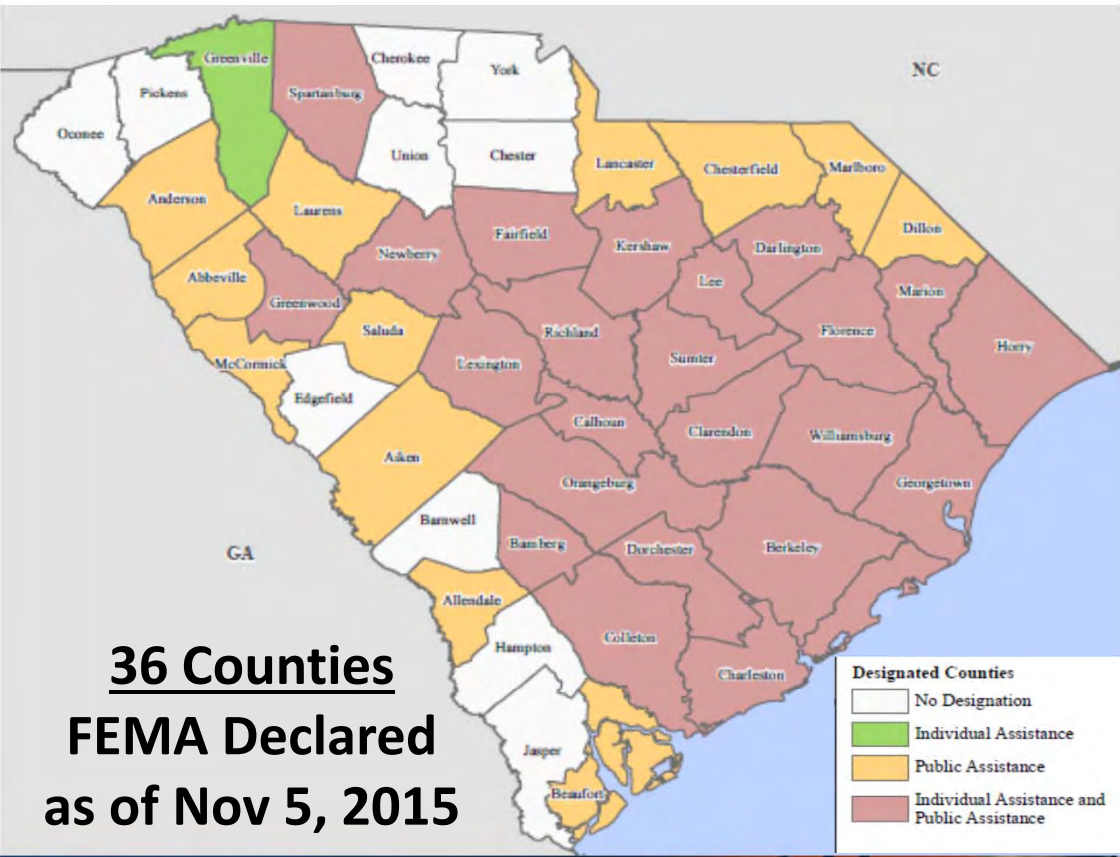


Monticello Road Bridge End Repairs



I-95 Bridge
Foundation Repairs

FEMA: Public Assistance Program



- **Category A: Debris Removal**
- **Category B: Emergency Protective Measures**
(temporary repairs / stabilizing)
- **Category C: Roads & Bridges**
(permanent repair/replacement)



FEMA Cat A: Debris Removal

- All public rights of way are eligible.
- Storm generated debris only.
- Opted into pilot program.
 - 85% reimbursement for first 30 days.
 - 80% 31-90 days
 - 75% 91-180 days
 - >180 days not eligible
- Strict documentation & procurement requirements.



BEFORE



AFTER



FEMA Cat B: Emergency Protective Measures

- Temporary repairs to stabilize infrastructure.
- Must be able to demonstrate that work was required to mitigate threats to public safety.
- 75% reimbursement.
- Not applicable where FHWA Emergency Relief funds are eligible.



FEMA Cat C: Roads & Bridges

- Permanent repairs for damage caused directly by the disaster.
 - Repair if possible.
 - Replace only if beyond repair.
- 75% reimbursement.
- Generally, it is not a betterment program.
- Not applicable where FHWA Emergency Relief funds are eligible.



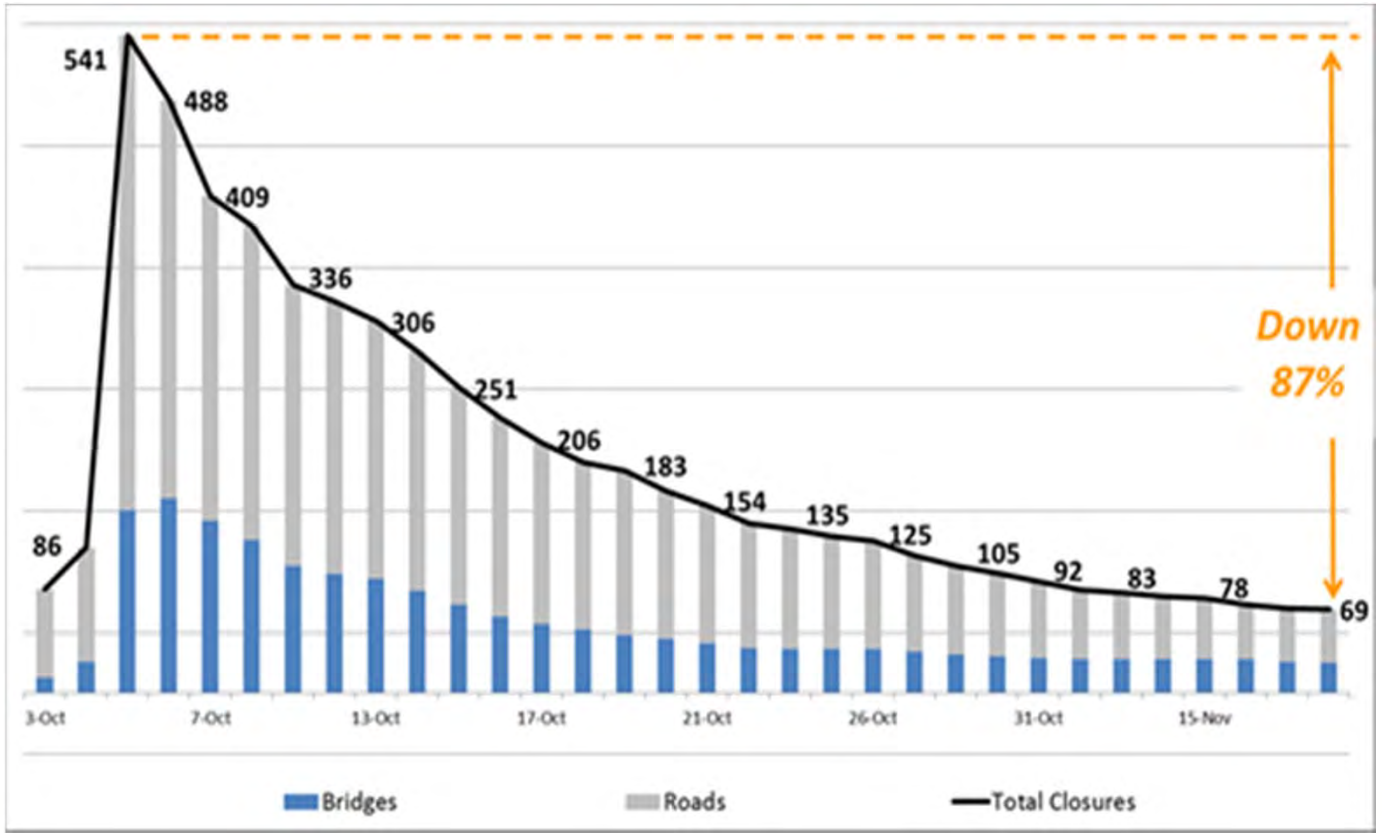
Shoulder and lane repairs



Bridge end washout



Current Status



SCDOT Infrastructure Recovery Weekly Report
NOVEMBER 25, 2015

Recovery Continues Ahead of Schedule

87% of Peak Closures have been Re-Opened in 50 Days

At its peak, SCDOT closed 541 roads or bridges in the first ten days. Progress has continued at an accelerated rate, with SCDOT forces outperforming the aggressive schedule outlined by the Secretary of Transportation. As of today, only 69 closures remain which includes 25 bridge sites and 26 dams.

SCDOT utilized its own maintenance forces from across the state to assist in storm impacted areas, and contractors where additional assistance and expertise were required. This prompt, coordinated response resulted in half of the closures being opened in the first ten days.

SCDOT's debris contractors are making final collections

South Carolina Road and Bridge Contractors have been utilized at 73 emergency repair sites at 16 flood impacted counties across South Carolina. Of these 24 contractors, 22 are from South Carolina, one is from Georgia, and one is from North Carolina. Four Disadvantaged Business Enterprises (DBEs) have been contracted to assist with the recovery.

SPECIAL POINTS OF INTEREST:

- Road openings are ahead of schedule
- 92% of the construction firms assisting SCDOT with recovery are from South Carolina, including 4 DBEs
- 6 structurally deficient bridges will be replaced as a result of the flood
- Over 35% of SCDOT's remaining closures are impacted by a privately owned dam

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Recovery: What's Next?

- **Conduct additional assessments as needed.**
- **Continue repairs with in-house and contract forces.**
- **Fast-track FEMA & FHWA ER bridge replacement projects.**
- **Finalize debris removal operations.**
- **Monitor Financials.**
- **Aggressively manage all funds to ensure all financial obligations are met.**
- **Strive to continue normal program activities.**





Many Thanks to the Team!



In Memory of Timothy Wayne Gibson



SCDOT mourns the loss of Timothy Wayne Gibson, 45, who died in flood waters on Garners Ferry Road in Columbia on Sunday, October 4 while overseeing emergency work being done at that location.

Mr. Gibson represented hundreds of SCDOT workers who worked around the clock all around the state. He did not hesitate to put his life on the line to protect the public during the flood event and he is a true HERO.



ROAD
WORK





South Carolina Department of Transportation

Questions?

