



October 2015 Flooding Event Financials



Storm Impacts

- 541 peak closures on the State System occurred on Oct 5.
- Over 900 sites needed repairs on the State System.
- 221 bridges were impacted within the floodways.
- All bridges have been thoroughly inspected before and after repairs.
- 105 bridge sites have been repaired.
- Prior to the storm, SCDOT was planning to replace 3 of the 221 bridges as part of its normal program.
- Due to storm damage, SCDOT will replace an additional 18 bridges.



\$137 Million Estimated TOTAL Event Cost

Program	TOTAL Estimated Cost	Federal Share	State Share
FHWA Emergency Relief <i>(10% blended match + assume 2% disallowance)</i>	\$71,200,000	\$62,400,000	\$8,800,000
FEMA <i>(21% blended match + assume 10% disallowance)</i>	\$36,900,000	\$25,200,000	\$11,700,000
Non-Eligible FEMA or FHWA Work Performed	\$7,700,000	-	\$7,700,000
Damage to SCDOT Buildings	\$700,000	-	\$700,000
Latent Damage Forecast	\$20,000,000	-	\$20,000,000
GRAND TOTAL (Rounded)	\$137,000,000	\$88,000,000	\$49,000,000



\$137 Million Estimated TOTAL Event Cost

\$88 M Federal + \$49 M State



\$63M Federal Share



\$25M Federal Share



State Share

\$9M FHWA ER Match

\$12M FEMA Match

\$8M Non-FHWA/FEMA Damage

\$20M Latent Damage

\$49 M Estimated State Share

Contain Costs & Maximize Reimbursements

- **Maximize utilization of internal workforce.**
 - Erased traditional boundaries.
 - Expedited pace of recovery.
 - Overtime, extra materials, extra fuel, travel/food.
 - Engage contractors only where required due to scope or schedule.
- **Pre-positioned contracts = fast response & higher reimbursements.**
- **Repair. Replace only if beyond repair.**
 - Replacements can be to current standards.
 - Minimize disallowances.



Before and After



Crossline pipe failure



Before and After



Bridge end washout



SCDOT's recovery will be resourced by:



FHWA
Emergency Relief
Program

FEMA



State of SC

The logo for the South Carolina Department of Transportation (SCDOT), featuring the letters "SCDOT" in a stylized, bold font with horizontal lines through the letters.

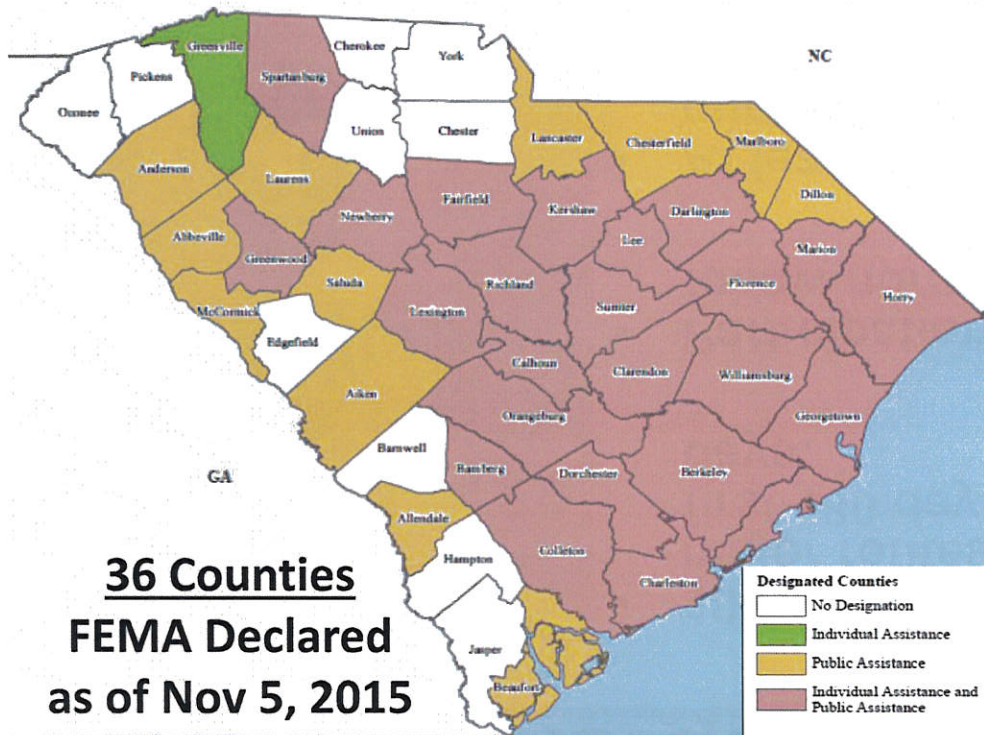
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FHWA: Emergency Relief Program



- 100% reimbursement for emergency repairs on major routes on 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).
- At least 16 bridges will be fully replaced to current design standards with this program.
- Assuming 2% disallowance.

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

Opted into pilot program.

- 85% reimbursement for first 30 days.
- 80% 31-90 days
- 75% 91-180 days
- >180 days not eligible

FEMA Cat B: Emergency Protective Measures

- Temporary repairs to stabilize infrastructure.
- 75% reimbursement.
- Not applicable where FHWA Emergency Relief funds are eligible.

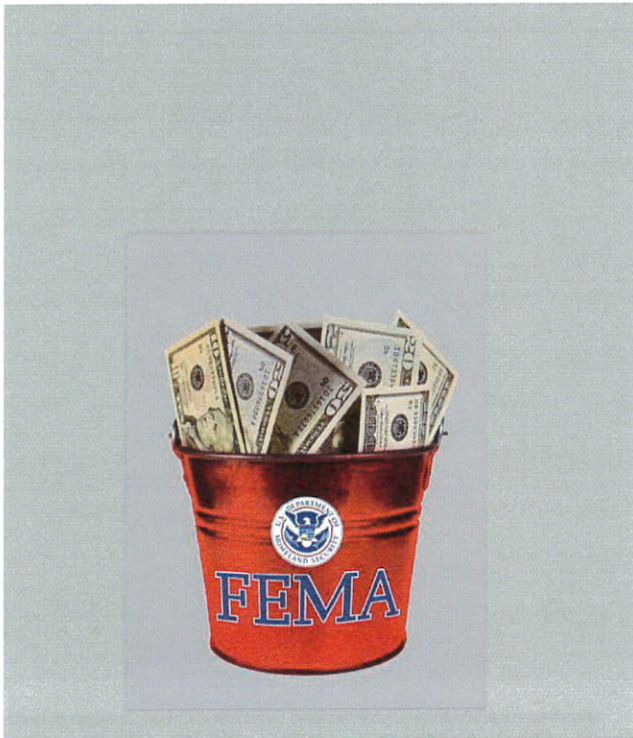


FEMA Cat C: Roads & Bridges

- 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.



FEMA Bucket



- At least 2 bridges will be fully replaced with this program to current design standards.
- An estimated 2200 truckloads of debris disposal are expected to be funded by FEMA.
- Estimated 6 months between expenditure & FEMA reimbursement.
- Assuming 10% disallowance.

State Bucket



- FHWA ER Match Requirement.
- FEMA Match Requirement.
- Non-eligible FHWA ER or FEMA work.
- Damage to SCDOT Owned Buildings.
- Latent Damage.

Risks

- Disallowances are higher than anticipated.
- Timing of reimbursements are longer than anticipated.
- Timing of the availability of FHWA ER funds.
- Latent Damage is higher than forecasted.
- Unreimbursed state costs impacts future maintenance operations.

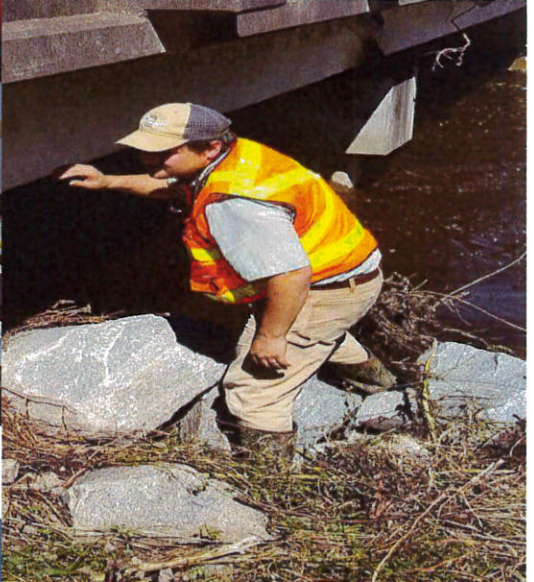
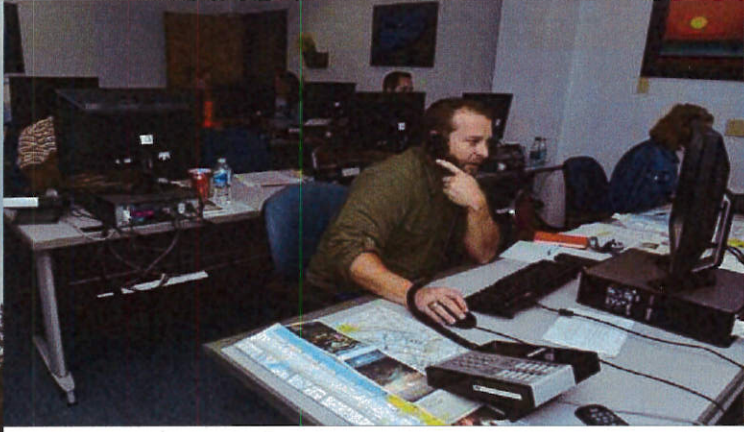


Recovery: What's Next?

- **Finalize repairs with in-house and contract forces.**
- **Finalize debris removal operations.**
- **Continue to fast-track FEMA & FHWA ER bridge replacement projects.**
- **Respond to Latent Damage locations.**
- **Work closely with FHWA and FEMA to minimize disallowances and process reimbursements in a timely manner.**

- **Strive to continue normal program activities.**





Many Thanks to the TEAM!



SCDOT





South Carolina Department of Transportation

Questions?

