## **Infrastructure Recovery Weekly Report**

#### **JANUARY 15, 2016**

#### SPECIAL **POINTS OF INTEREST:**

- Road openings continue ahead of schedule
- Road and bridge repair costs estimated to be \$137 million.
- SC's share of road and bridge repairs projected at \$49 million
- 24 flood impacted bridges being fasttracked for replacement
- Over 50% of SCDOT's remaining closures are impacted by a privately owned dam

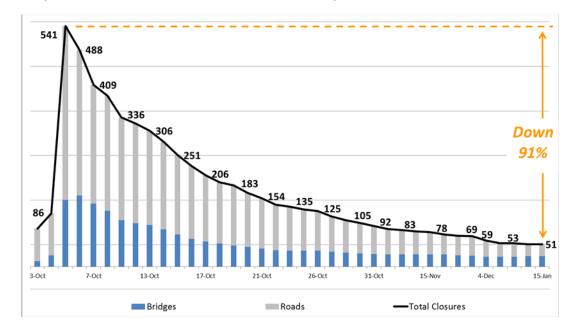
# **100 Days After the Peak**

### **Over 90% of Road and Bridge Closures Re-Opened**

January 13, 2016 marked Secretary of Transportation were required.

100 days since SCDOT's Christy A. Hall outlined a peak closure of 541 roads plan to utilize SCDOT's or bridges on the state maintenance forces from maintained highway system. across the state to assist in To address these closures storm impacted areas, and as quickly and economically contractors where additionas possible, SCDOT Interim al assistance and expertise

As of today 51 closures related to the October flood event still remain. The majority of these closures are attributed to dam sites and bridge replace-



#### The Dam Story...

Twenty-six of SCDOT's 51 road closures are related to dam failures resulting from the historic October 2015 flood event.

The South Carolina Department of Health and **Environmental Control** (DHEC) continues to evaluate responses to its emergency orders and is conducting follow-up sitevisits to determine if appropriate action is being taken by dam owners.

SCDOT continues to work in conjunction with DHEC, and will make the necessary road repairs

once DHEC certifies a dam. If a dam owner elects to work with DHEC and permanently breach a dam, SCDOT will construct the appropriate pipe, culvert, or bridge to return the road to service.



### Please visit www.scdot.org for additional updates

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### Heavy Rains Continue to Impact Roadways



Heavy rainfall in late December and early January caused several road closures throughout South Carolina.

Since December 22, 2015, SCDOT closed an additional 76 roads related to flooding on the state maintained system. As of today 67 of those 76 locations are open, with several more projected to be open by the end of January.

SCDOT again mobilized its internal forces for these repairs, with crews working and monitoring roads and bridges throughout the holiday season to return the roads to service.

Herschel Plyler Road in Lancaster County was closed on December 30th due to flooding.

221 bridges were impacted by the flood waters. Of these bridges, 25 require full replacement as a result of the storm

Statewide, SCDOT has over 125 active bridge replacement projects

### Bridges

SCDOT's accelerated approach towards bridge repairs and replacements continues on schedule.

The Department is currently tracking 25 full bridge replacements related to the October 2015 flood event. Over half of these bridges will be done via designbuild. Design-build refers to an expedited project delivery method in which one team provides both design and construction services.

The remaining replacements will be done with a fast track design-bid-build project delivery method or done completely inhouse by SCDOT's bridge maintenance teams.

Statewide, SCDOT currently has over 125 active bridge replacement projects.

### **Hazard Mitigation Grant Program**

The Federal Emergency Management Agency (FEMA) is currently estimating that \$32 million in Hazard Mitigation Grant Program (HMGP) funds will be awarded in the State of South Carolina. These grants are awarded to

assist the state and local communities in implementing long-term hazard mitigation measures to reduce or eliminate future risks from natural disasters.

SCDOT is pursuing several partnering op-

portunities with local governments to use these funds towards improving state and local infrastructure. The majority of these projects will address insufficient drainage that causes frequent flooding and road damage.