

### **Hurricane Evacuation Update**

Charlie Kilpatrick, P.E. Chief Deputy Commissioner September 17, 2013

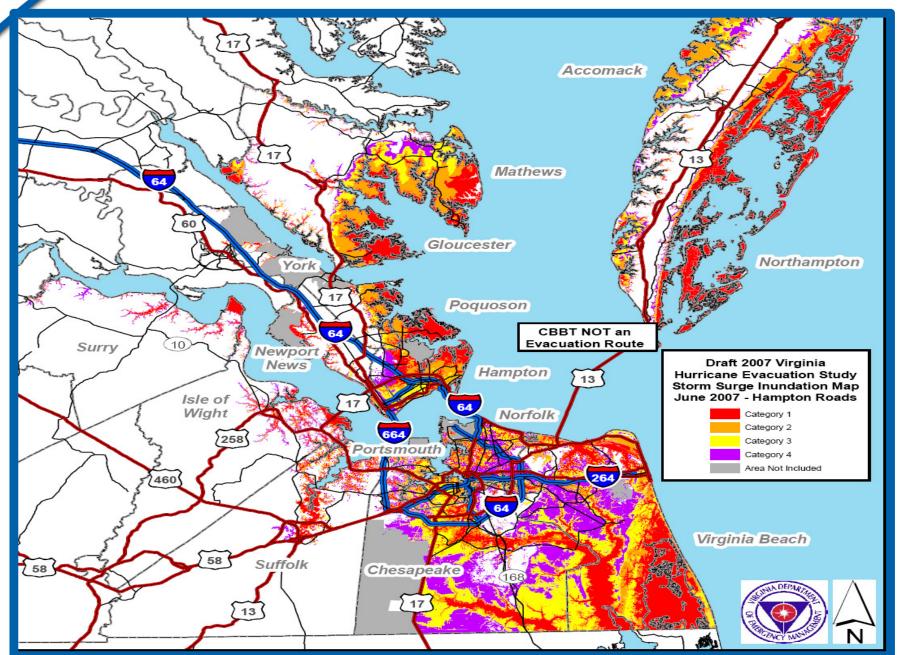


#### **Model Update**

- Updated to reflect a new limited access Route 460 (with contraflow)
- Model reflects U.S. Army Corps of Engineers suggested standards for inundation and evacuation response
- Model assumptions
  - Contraflow along U.S. 58 in Chesapeake/Suffolk
  - Incident free conditions



#### **Hurricane Inundation**





#### **Model Results**



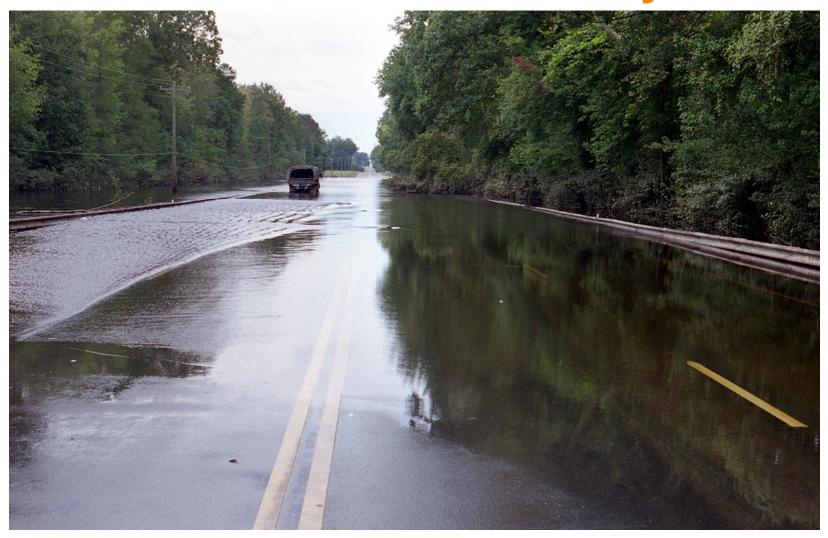


## Benefits of a new U.S. 460 - Hurricane Evacuation -

- Evacuates 153,000 citizens from the Hampton Roads region
- Carries ~ 31,000 more evacuees than existing Route 460
- Reduces evacuation time
- Provides a redundant facility to Interstate 64 when incidents occur
- Reduces reliance on water crossings



# Benefits of a new U.S. 460 - Post-Storm Recovery -



U.S. Route 460, September 22, 1999, Zuni, Virginia