



# RESILIENCE

**NCDOT POLICY**  
**F.35.0102**

<b>Business Category:</b> Division of Highways (DOH)		<b>Business Area:</b> Technical Services
<b>Approval Date:</b> 9/27/2021	<b>Last Revision Date:</b> N/A	<b>Next Review Date:</b> 9/27/2025
<b>Authority:</b> <a href="#">Executive Order 80</a> <a href="#">23 USC 117</a> <a href="#">23 USC 134</a> <a href="#">23 USC 135</a> <a href="#">23 USC 167</a>		<b>Select all that apply:</b> <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Requires Board approval <a href="#">Click to type Board name.</a> <input type="checkbox"/> Requires Federal Highways Administration (FHWA) approval <input type="checkbox"/> Requires other external agency approval: <a href="#">Click here to enter external agency name(s).</a>
<b>Definitions:</b> <p>“Department”-shall mean the North Carolina Department of Transportation (NCDOT).</p> <p>“Resiliency”-shall mean the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.</p>		
<b>Policy:</b> <p>It is the policy of the North Carolina Department of Transportation (NCDOT) to consider the resiliency of the Department’s organization and the state’s transportation system to support its mission of “connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.” Resiliency will be defined as the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.</p> <p>NCDOT shall enhance its resilience in all day-to-day organizational activities. To develop organization-wide resilience, the Department shall deploy a coordinated approach to manage risk to business operations so it may continue to operate and provide services to our citizens and visitors to the fullest extent possible, regardless of the disruption.</p> <p>To maintain safe, reliable, and efficient transportation infrastructure, the Department shall take active steps to manage risks and strengthen transportation system resilience, considering both natural and man-made hazards. These steps shall: be based on the most up-to-date science; implement risk-based asset management and design approaches to identify threats and assess vulnerabilities; incorporate better planning to reduce disaster losses; and include processes to avoid or minimize consequences to transportation assets and the people of North Carolina.</p> <p>The Department will continue to collaborate with the appropriate state and federal agencies and organizations to ensure decisions adhere to all regulations and to facilitate information sharing and alignment of resiliency strategies. This policy will be implemented through the Department’s strategic, long-range and modal plans, programming, project development,</p>		

design, construction, operations, asset management, maintenance, and transportation mobility and safety.

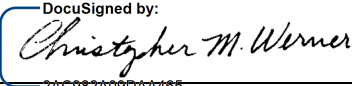
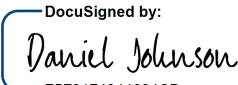
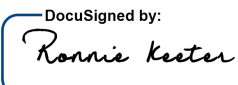

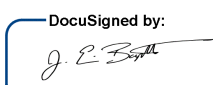
The Department’s resilience strategies, relevant research, guidance, and procedures, will be documented annually through the “NCDOT Resilience Strategy Report.”

**Scope:** This policy is applicable to all business units within the Department. Resilience to “*disruption*” is specifically defined so that the policy covers more than just weather disruptions and sea level rise but is applicable to all workflows and operations.

**Procedures:** N/A

**Related Documents:** [Executive Order 80](#); [FHWA Guidance](#);

Revision History		
Revision Date	Revision Number	Description

Policy Approval		
<p><i>Signing below certifies that the aforementioned policy has been vetted by the business area representative, applicable legal counsel (AG’s office, etc.), and executive staff member(s).</i></p>		
Technical Services Director Christopher Werner, PE	DocuSigned by:  _____ <small>2AC962A09DAA465... Signature</small>	10/25/2021 _____ Date
Legal Counsel Daniel Johnson	DocuSigned by:  _____ <small>F5F3174344634CB... Signature</small>	10/18/2021 _____ Date
Chief Engineer Ronnie Keeter, PE	DocuSigned by:  _____ <small>F03CBB5C8D2D4C6... Signature</small>	10/26/2021 _____ Date
Chief Operating Officer Beau Memory	DocuSigned by:  _____ <small>A0D536B22064483... Signature</small>	10/27/2021 _____ Date
Secretary Eric Boyette	DocuSigned by:  _____ <small>2CD73226B5AA49B... Signature</small>	10/18/2021 _____ Date