

CTP – Identification of Roads (Resilience)

Description

The purpose of this procedure is to ensure that the Comprehensive Transportation Plan (CTP) process includes roads that are critical to the resilience of the community. These roads may be those that are essential to the day-to-day functioning of the community as well as those that are critical during emergency situations. These roads may also have been identified in a prior vulnerability assessment or study as susceptible to future hazards with potential to disrupt system performance based on event magnitude or duration.

The action steps outlined below are in addition to the considerations in the **Guidance for Identification of Roads to be studied during CTP Process**.

Responsibility

Transportation Planning Division (TPD) Project Engineer in consultation with local representatives uses outcomes from this exercise to augment the development of the CTP Base Map and to inform and verify input from Initial Meetings with Interagency staff and/or other CTP stakeholders.

Procedure

Step	Action
1	<p>Consider any evacuation routes or roads in the North Carolina Department of Public Safety's evacuation zones.</p> <p><u>Resources:</u></p> <p><input type="checkbox"/> Evacuation Routes https://www.ncdot.gov/travel-maps/maps/Pages/evacuation-routes.aspx</p>
2	<p>Consider roads that have been identified as critical and/or vulnerable to natural hazards during past planning processes.</p> <p><u>Resources:</u></p> <p><input type="checkbox"/> Hazard Mitigation Plans https://www.ncdps.gov/emergency-management/em-community/recovery-mitigation/hazard-mitigation/mitigation-planning</p> <p><input type="checkbox"/> Resiliency Improvement Plans (RIP)</p> <p><input type="checkbox"/> Regional Resilience Portfolio Program https://www.rebuild.nc.gov/resiliency/resilient-communities/rise/portfolio</p> <p><input type="checkbox"/> Corridor Studies (routes identified from resiliency-related corridor studies which traversed the area (if applicable)).</p>
3	<p>Consider roads with past incident reports (closures, delays, etc.) frequently occurring during prior events.</p> <p><u>Resources:</u></p> <p><input type="checkbox"/> DriveNC</p>

Step	Action
	https://drivenc.gov/#incidents
4	<p>Consider roads that currently are or are forecasted to be impacted by natural hazards.</p> <p><u>Resources:</u></p> <p><input type="checkbox"/> Coastal Roadway Inundation Simulator (CRIS) https://raft.nc.gov/cris/</p> <p><input type="checkbox"/> Roadway Inundation Tool (RIT) https://raft.nc.gov/rit2/</p> <p><input type="checkbox"/> Flood Inundation Mapping and Alert Network for Transportation (FIMAN-T) https://espgis.com/FIMAN_T/</p>
5	<p>Consider roads identified as critical to resilience by observation or other Division-led assessments by local NCDOT field staff.</p> <p><input type="checkbox"/> NCDOT Division and District Engineer</p>

Next Steps

The collected roadway information will be used to develop the CTP Base Map.

Record of Revision

The information contained in this procedure is deemed accurate and complete when posted. Content may change at any time without notice. We cannot guarantee the accuracy or completeness of printed copies. Please refer to the online procedure for the most current version. Contact TPD Staff Engineer with all the questions about this procedure.

Version	Section Affected	Description	Effective Date
X			