



## APPROVAL

ITEM NO. 13

**DATE OF MEETING:** February 16, 2016

**REQUESTED BY:** Kyle M. Breuer, Director, Planning and Community Development

**SHORT TITLE:** Approval of Resolution Titled: *“Resolution Supporting the North Carolina Department of Transportation’s Efforts to Enhance Safety at the Intersection of US Highway 421 and NC Highway 210”*

**BACKGROUND:** Pender County continues to seek ways to improve our transportation network whether solely within our boundaries or regionally. Based on data and statistics (crash analysis) of the US Highway 421 and NC Highway 210 intersection, it was determined that intersection improvements needed to take place. During the last prioritization process (SPOT 3.0) put forth by the NCDOT, Pender County submitted the subject intersection as a candidate for funding and improvements. Unfortunately, the intersection improvement was not prioritized high enough and the project was not scheduled in the 2016 State Transportation Improvement Program for funding.

NCDOT has approached Pender County requesting support to obtain grant funds to apply a traditional superstreet design at this location. The intersection, based on crash analysis, is listed on the 2015 North Carolina Highway Safety Program as the #64 intersection within the state of crash rates and severity. Funding in the amount of \$1.4 million will be utilized to make the improvements.

A superstreet is a type of intersection in which side-street traffic is redirected from going straight through or left at a divided highway intersection. All side-street traffic must turn right, but can then access a U-turn to proceed in the desired direction. The Superstreet concept provides an effective alternative along heavily traveled regional arterials in areas with anticipated commercial and residential growth. The design concept is contingent upon a series of features that reduce potential conflict points while maintaining traffic flow resulting in: Increased safety by reducing conflict points at major crossovers; Time savings from simplified signal phasing; Enhanced signal coordination; and dedicated U-turn lanes for efficiency.

Transportation representatives from the North Carolina Department of Transportation and Rural Planning Organization will be in attendance to answer any questions. A “Superstreet” brochure and location map has been provided in your packet for additional information.

**SPECIFIC ACTION REQUESTED:** To consider the resolution titled: *“Resolution Supporting the North Carolina Department of Transportation’s Efforts to Enhance Safety at the Intersection of US Highway 421 and NC Highway 210”*



**RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF  
TRANSPORTATION'S EFFORTS TO ENHANCE SAFETY AT THE INTERSECTION OF US  
HIGHWAY 421 AND NC HIGHWAY 210**

**WHEREAS**, Pender County is a political subdivision of the State of North Carolina; and

**WHEREAS**, Pender County relies on the State of North Carolina to connect people, products, and places safely and efficiently; and

**WHEREAS**, US Highway 421 and NC Highway 210 both serve as arterials running north/south and east/west throughout Pender County and service local traffic, interstate commerce, military installations, and hurricane evacuation routes; and

**WHEREAS**, the intersection of US Highway 421 and NC Highway 210 has been identified to have twenty eight crashes over a five year period; and

**WHEREAS**, the severity of the crashes have been varying and include injuries, resulting in being identified on the North Carolina Highway Safety Improvement Program; and

**WHEREAS**, the North Carolina Department of Transportation is seeking funding to install intersection improvements at this location to reduce the number of crashes; and

**WHEREAS**, the North Carolina Department of Transportation is recommending that a traditional superstreet design be implemented at this intersection; and

**WHEREAS**, the estimated \$1.4 million investment will improve the safety of this intersection and minimize potential disruption to US Highway 421 thru-traffic; and

**NOW, THEREFORE, BE IT RESOLVED** that the Pender County Board of Commissioners, supports the North Carolina Department of Transportation to install safety improvements at the intersection of US Highway 421 and NC Highway 210 in Pender County, NC.

This 16<sup>th</sup> day of February, 2016.

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George Brown, Chairman  
Pender County Board of Commissioners

ATTEST:

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Melissa Pedersen, Clerk to the Board