



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

**Brunswick County CTP Steering Committee Meeting**  
**Supporting Maps**  
**May 27, 2021**  
3pm

1. Update on Adopting Maps (Multimodal Maps)
  - a. Highway Map
  - b. Transit and Rail Map
  - c. Bike and Ped Map
  - d. Applicable comments have been incorporated in the maps.
  - e. Maps will continue to be updated based upon survey results.
  - f. There will be a 2-week review period ahead of adoption.
  - g. Public involvement sessions will also be scheduled.
  
2. Supporting Maps Review:
  - a. Bridge Map
    - i. 2 categories of deficient bridge
      1. Functionally obsolete - narrow, inadequate under clearances, insufficient load carrying capacity, not properly aligned with roadway.
      2. Structurally deficient - poor condition, deterioration
    - ii. Patrick Flanagan mentioned that it is important to look at what multimodal options are needed along routes with bridges. Bridges have a long lifespan, so it is important to be proactive in identifying potential projects.
    - iii. Dan Newquist asked what "other structures" are, these are pipes and culverts.
  - b. Crash Map
    - i. Data is from January 2014- December 2018
    - ii. Intersection improvements are currently being proposed at all high frequency crash locations.
    - iii. Helen Bunch asked if the crash information is available for the Carolina Bays Project Team.
      1. Patrick Flanagan mentioned that they do have the information and that projects are required to have an upgrade existing location alternative.
      2. Mark Hoeweler mentioned that if Carolina Bays were to go along US 17, the entire cross section would change including elimination of intersections, implementation of control access.

- iv. Dan Newquist asked if Bike and Ped crashes can be shown on the map. A supporting map with this information will be developed.
- c. Environmental Maps
- d. Freight Map
  - i. Terry Pierce asked about the prevalence of Sod trucks or other agricultural trucks along routes in Brunswick County. Dana Magliola will follow up with Terry about this. Patrick Flanagan mentioned that agricultural trucks have more freedom to move about on local routes because they are under an agricultural permit.
  - ii. Patrick Flanagan asked if there are specific crash locations that include truck/freight traffic. Logistics and Freight analyzes for bottlenecks, Brunswick County does not typical appear on that list.
  - iii. Alan Pytcher will coordinate with Terry Pierce on the locations of damage to roadways.
- e. 2017 Volume/Capacity Map
  - i. Terry Pierce asked what kind of projects can alleviate traffic in a peninsula such as the Southport area. Access management projects that limit some movements along roadways can help alleviate congestion.
  - ii. Mark Hoeweler asked about the traffic volumes near SR 1167 Persimmon Rd and SR 1165 Thomasboro Rd
- f. 2045 Volume/Capacity Map
  - i. Terry Pierce asked if the 4 developments along NC 211 near Southport that were recently approved are included in the model. TAZ's from the model will be reviewed to see if they are accounting for the growth along NC 211.
  - ii. Carolina Bays Extension is included in the FY Volume and Capacity but is not show visually on the maps that was gone over in the meeting. An updated map will be forwarded to the Steering Committee.

### 3. Survey Open Period

- a. Two weeks out from survey closing date of June 9<sup>th</sup>.
- b. Brunswick County sent out more advertisement for the Brunswick CTP Survey ahead of Memorial Day weekend.

### 4. Adjourn

- a. Next meeting on June 24<sup>th</sup> to go over survey results and Analysis Maps.
- b. Helen Bunch asked about roadway capacity and what kind of land use recommendations may come out of the plan.

