

NC DOT's Planning & Mitigation Program with focus on Orange County

By: Bruce O. Ellis, CLM, PWS
Mitigation Implementation
Unit Head

Project Development and
Environmental Analysis Branch



Agenda

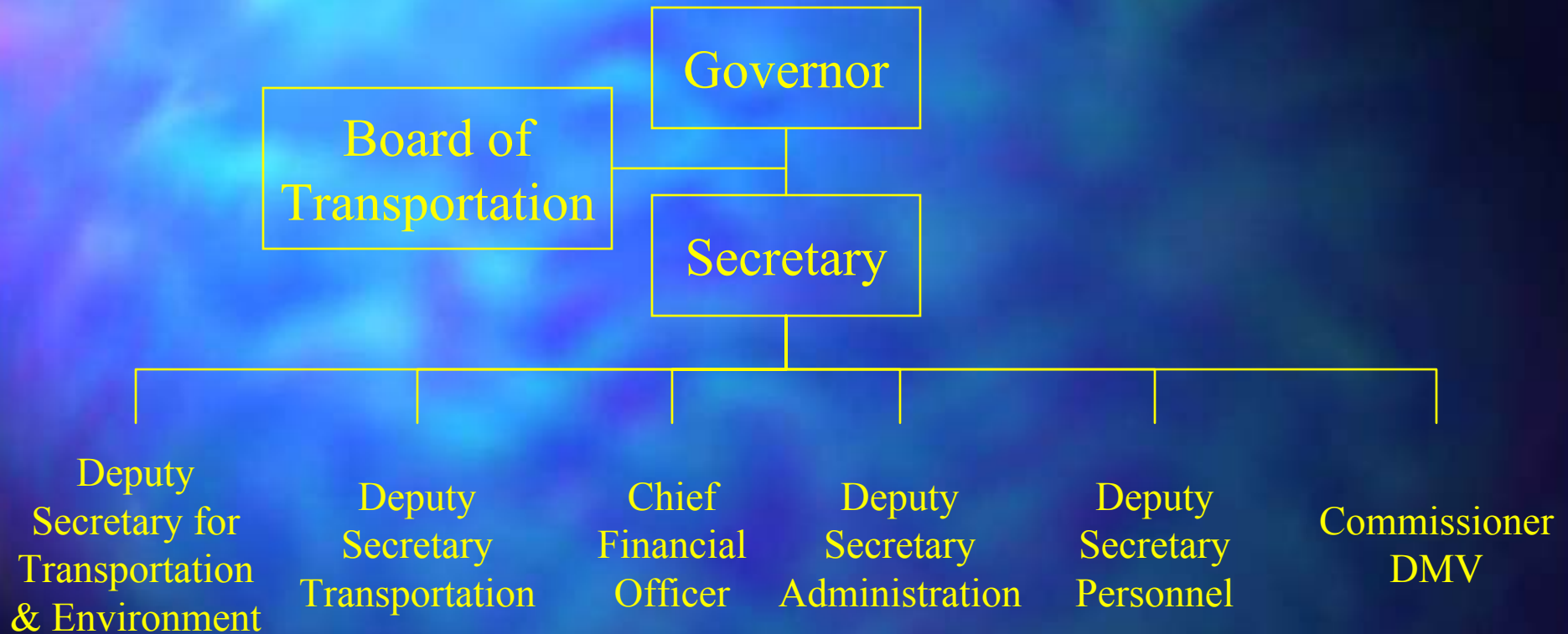
- I. TIP Overview
- II. NEPA/Mitigation Process
- III. Division VII
- IV. Q&A



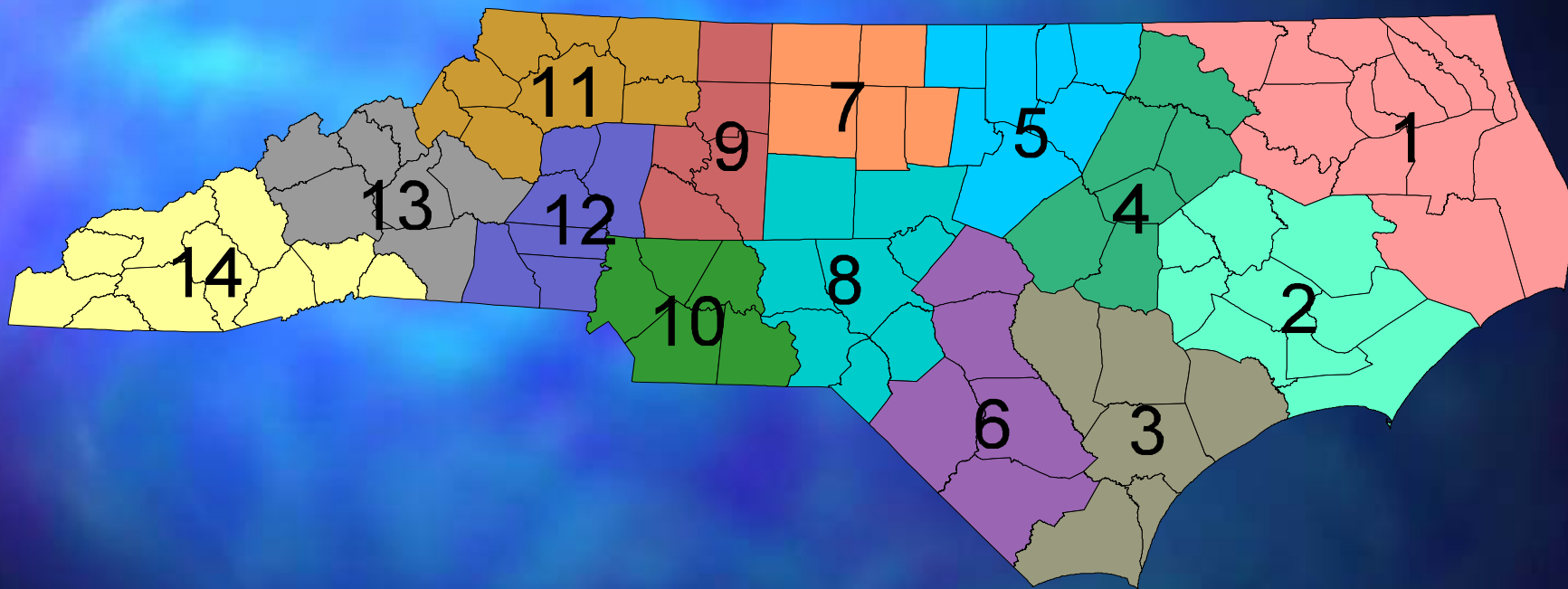
Overview of the Transportation Improvement Program



ORGANIZATION - NCDOT



ORGANIZATION - NC Divisions



Project Development



Long-Range Planning
Determining the Need

Program Development
Funding the Projects

Project Planning
Minimizing the Impacts

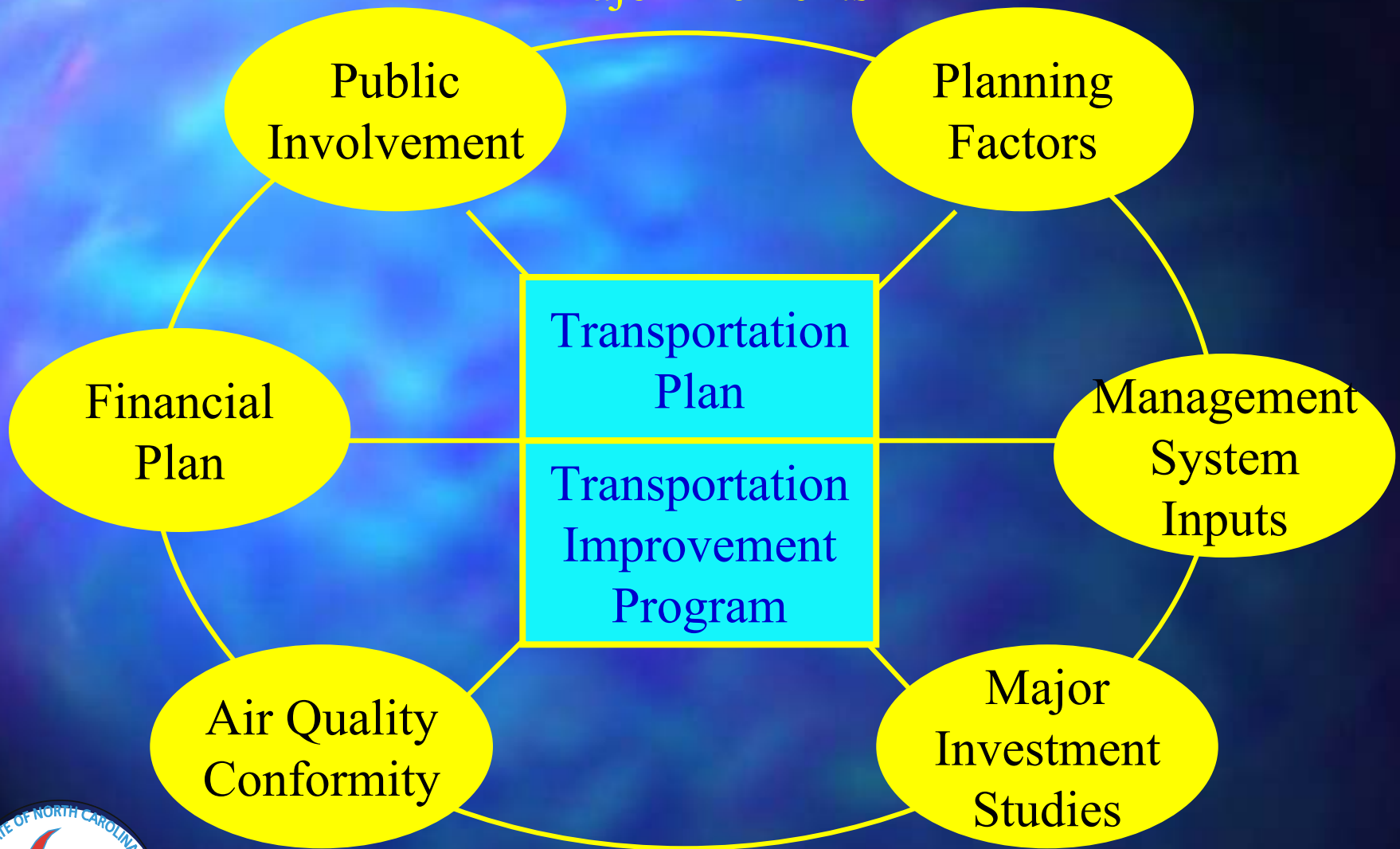
Project Design
Design & ROW

Construction & Maintenance
Building & Maintaining the Road



Metropolitan Transportation Planning Process

Major Elements



Long-Range Planning
Determining the Need

Program Development
Funding the Projects

Project Planning
Minimizing the Impacts

Project Design
Design & ROW

Construction & Maintenance
Building & Maintaining the Road



What is the TIP?

- Schedule and Funding of Transportation Projects
- Statewide Seven-Year Program, financially constrained
- Objectives
 - Provides public information
 - Facilitates public involvement
 - Advances transportation projects in an organized way
 - Provides responsive transportation systems
- Multi-modal
- Does not include maintenance projects



How is the TIP Developed?

- Two year process
- Increase Public Participation
- Odd Years
 - Hold public meetings to request input (fall/winter)
 - Develop draft TIP Program (spring/summer)
 - Release Draft TIP (September)



How is the TIP Developed?

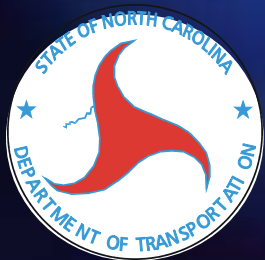
- **Even Years**

- **Hold public meetings to review draft TIP (fall/winter)**
- **Review public comments (winter/spring)**
- **BOT Approval of TIP (June)**



Who Decides What Projects Go into the TIP?

- The Public
- Staff, MPO and Board of Transportation review
- Board of Transportation approval



How are priorities made for approved projects?

- DOT/MPO Discussion
- Financially Constrained
- Consider Local/Intrastate Demand
- Funding/Authorization Constraints



CONCEPTUAL OVERVIEW



Long-Range Planning
Determining the Need

Program Development
Funding the Projects

Project Planning
Minimizing the Impacts

Project Design
Design & ROW

Construction & Maintenance
Building & Maintaining the Road



Overview of the NEPA/Mitigation Process



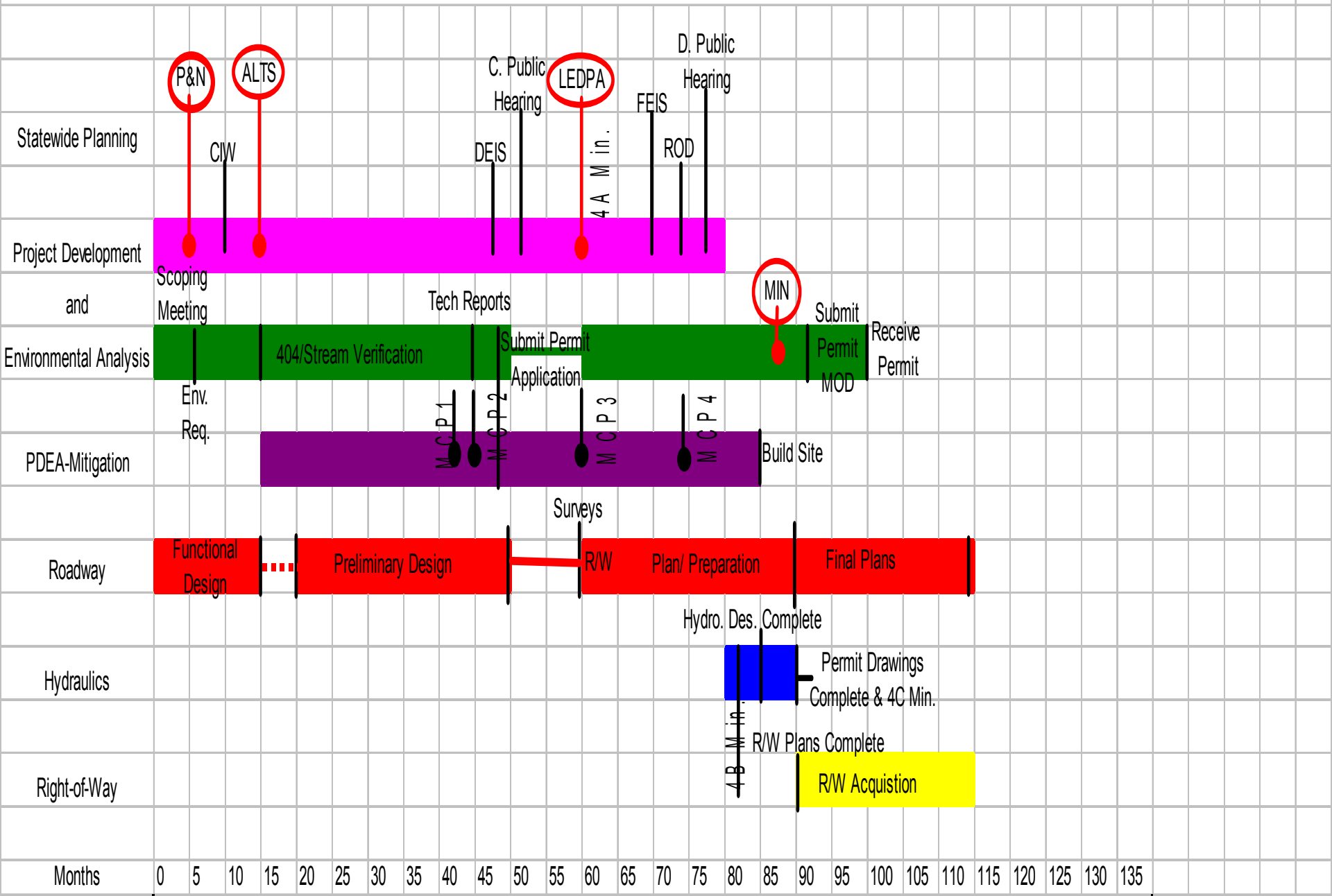
NEPA Process

1. Establish Purpose and Need
2. Agreement on detailed alternatives
3. Selection of a preferred alternative
4. Mitigation of the alternative
5. Permit and mitigate the project

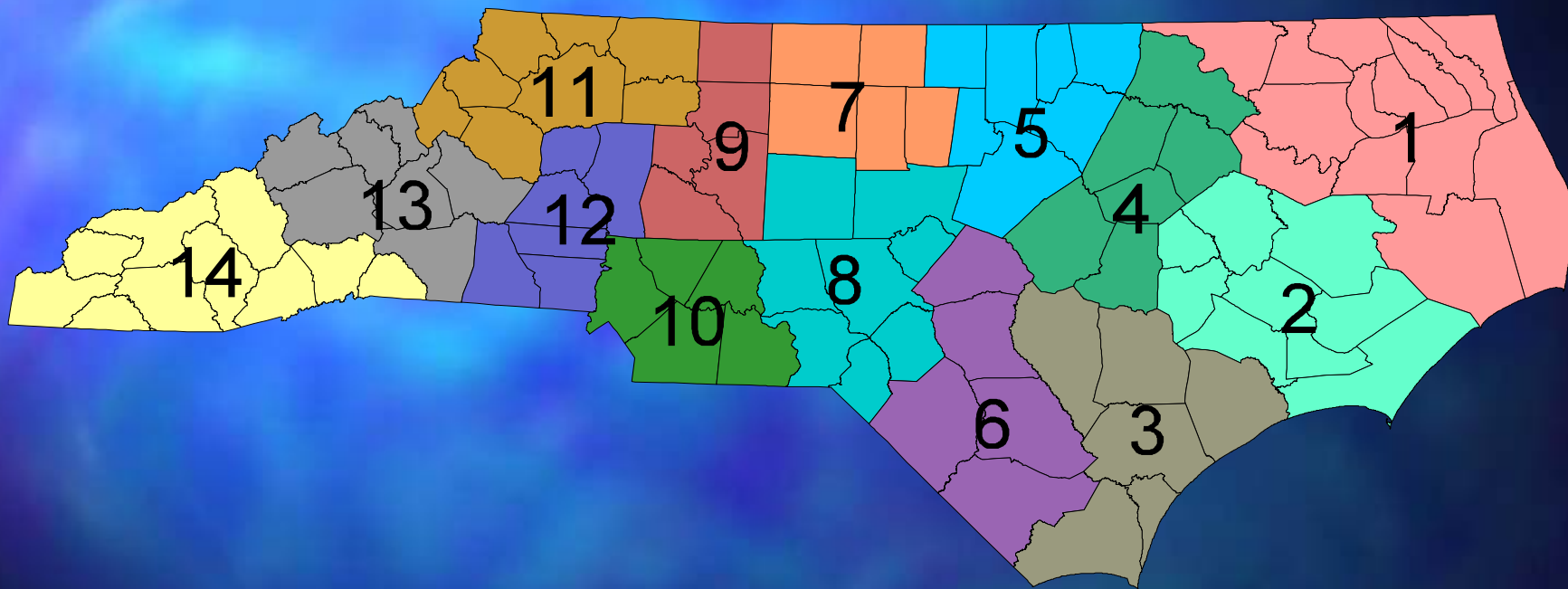


01 Merger

Revised Project Development Flow Process



ORGANIZATION - NC Divisions



Division 7 Initiatives



Division 7

185 Projects Proposed - 7 years

109 - Bridge Replacement

76 - Roadway, Intersection
Improvements, etc.



Orange County

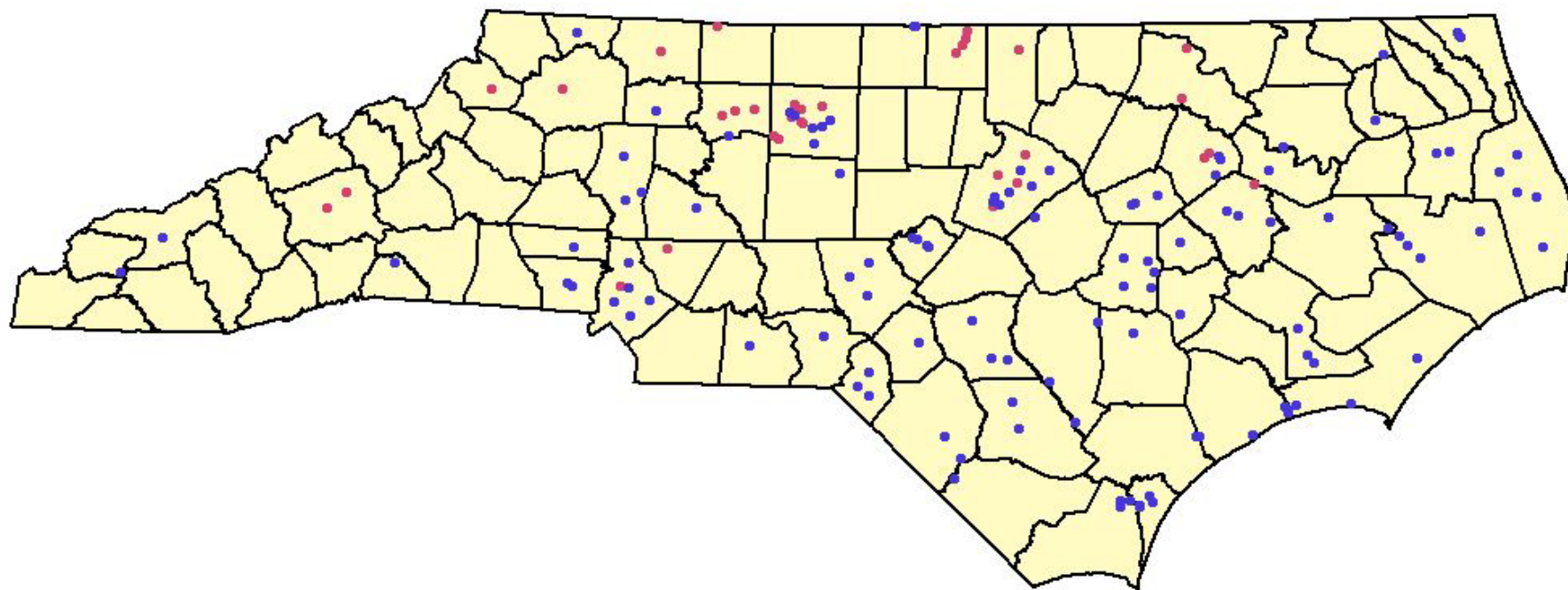
19 Projects Proposed - 7 years

10 - Bridge Replacement

9 - Roadway, Intersection
Improvements, etc.



Mitigation Sites



- Wetland Mitigation Sites
- Stream Mitigation Sites

