



## **NORTH CAROLINA**

Department of Transportation



# Preconstruction Activities Update

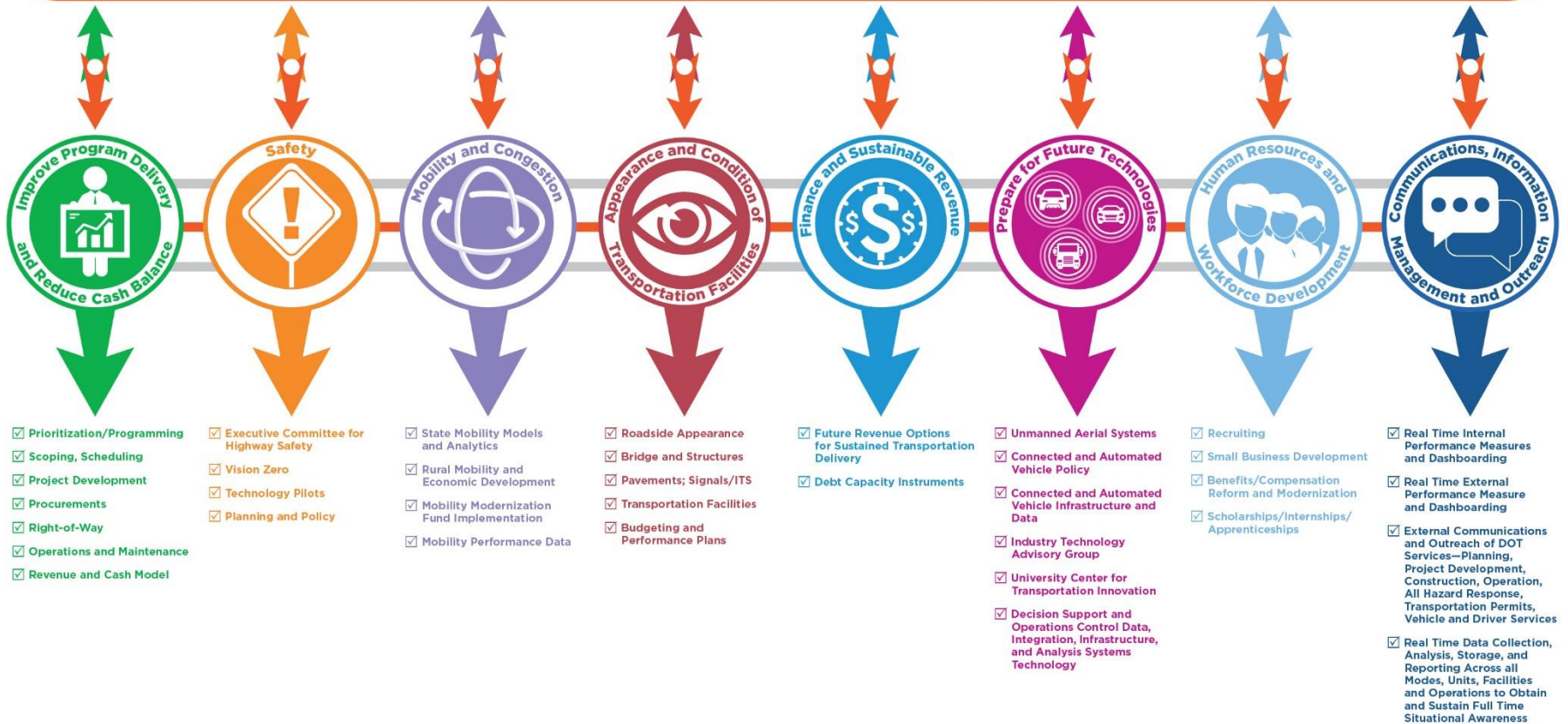
Chris Werner, Director of Technical Services

November 8, 2018

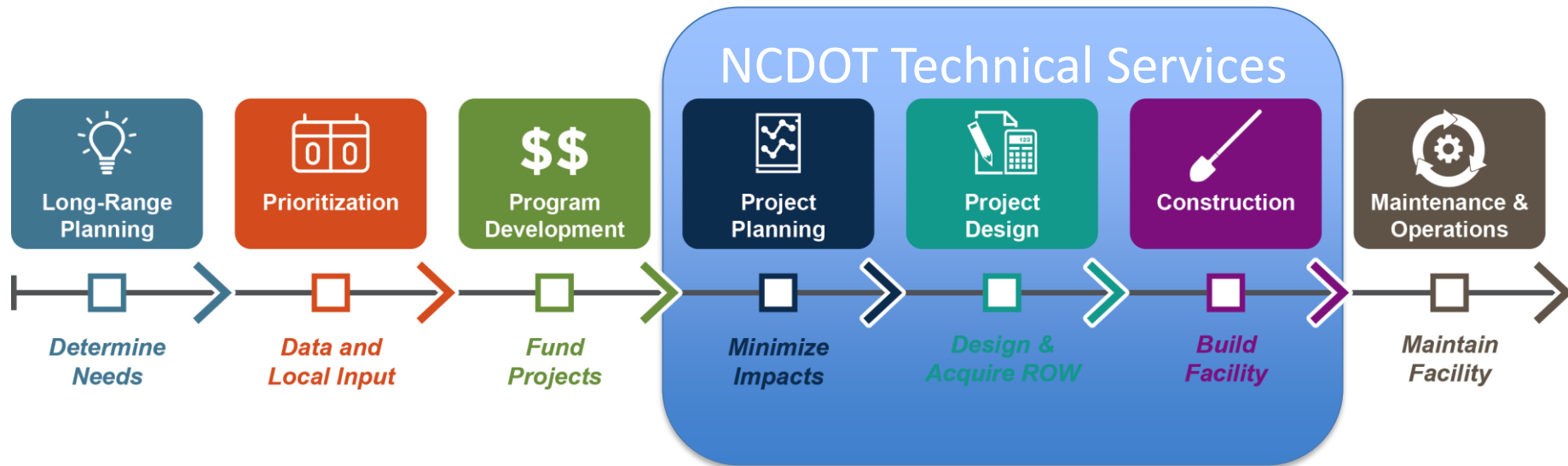
# NCDOT Priorities and Work Groups

## Better Transportation Service for North Carolina

*Our Mission: Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.*



# What is “Technical Services”?



# What is NEPA?

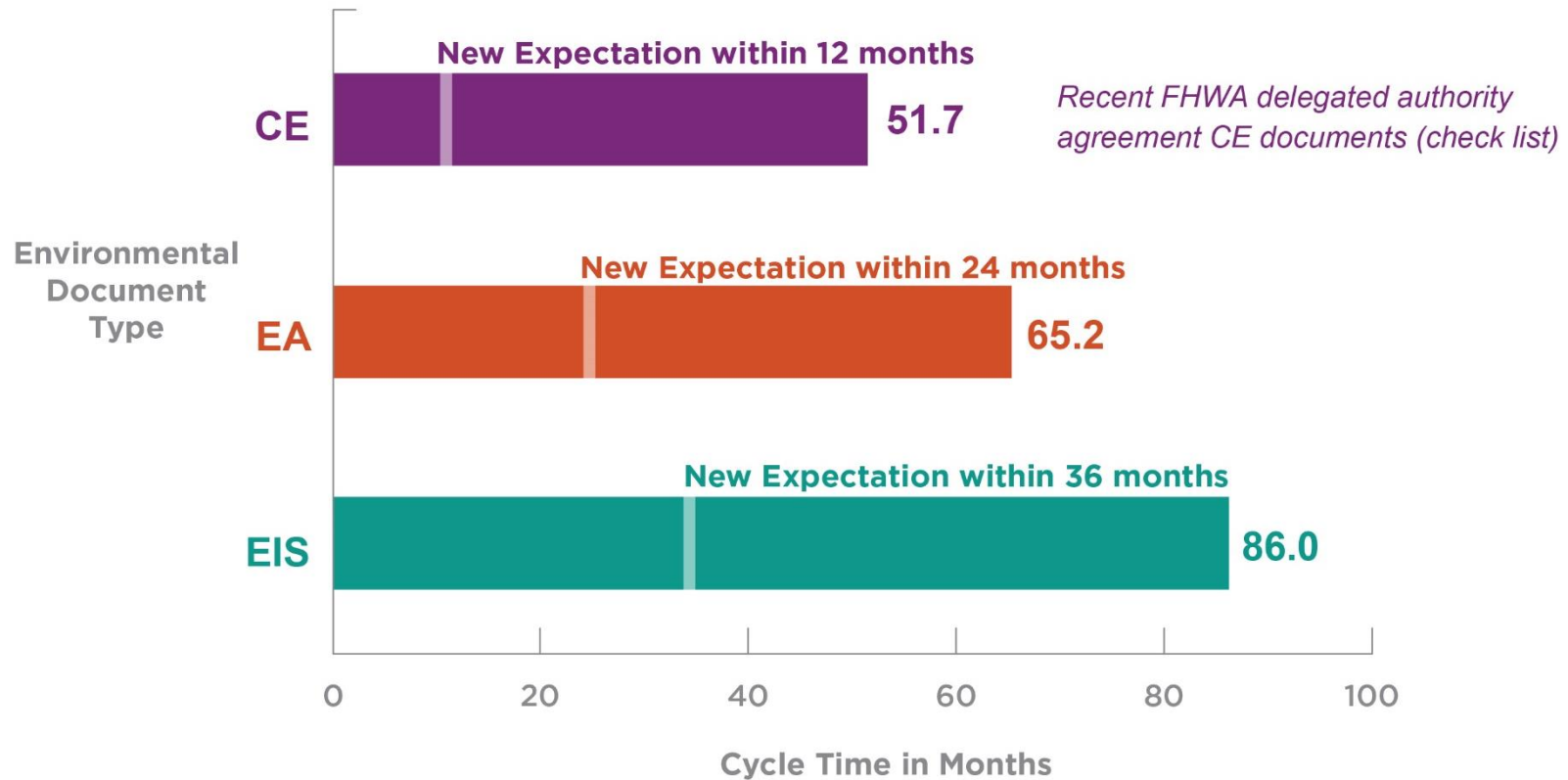
- National Environmental Policy Act of 1969
- Requires **federal agencies** to take a **hard look** at the human and natural resource **impacts of their actions**
- Types of NEPA Documentation
  - **Categorical Exclusion (CE)**  
minor actions with minimal impacts
  - **Environmental Assessment (EA)**  
projects with unknown impacts that require a closer look
  - **Environmental Impact Statement (EIS)**  
major projects with known significant impacts

# What is SEPA?

- North Carolina (State) Environmental Policy Act of 1971
- Requires **state agencies** to follow a process similar to NEPA to review the human and natural resource impacts of their actions
- NCDOT must adhere to Minimum Criteria to determine which document to prepare
  - **Minimum Criteria Determination Checklist (MCDC)**  
minor actions with minimal impacts
  - **Environmental Assessment (EA)**  
projects with unknown impacts that require a closer look
  - **Environmental Impact Statement (EIS)**  
major projects with known significant impacts



# Discoveries and Expectations



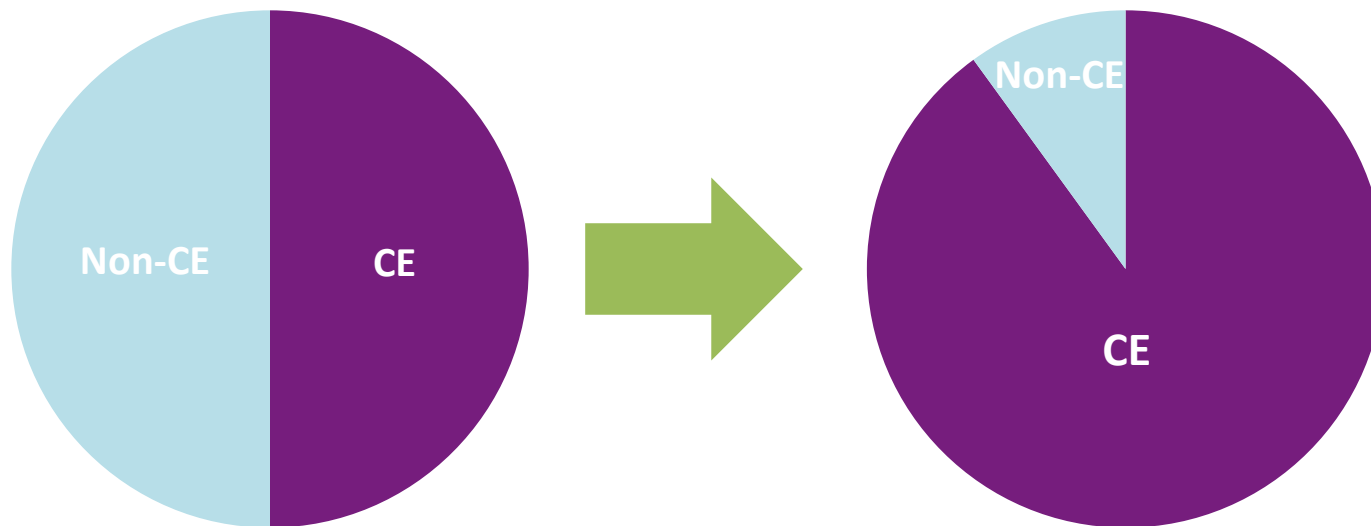
(CE) Categorical exclusion

(EA) Environmental assessments

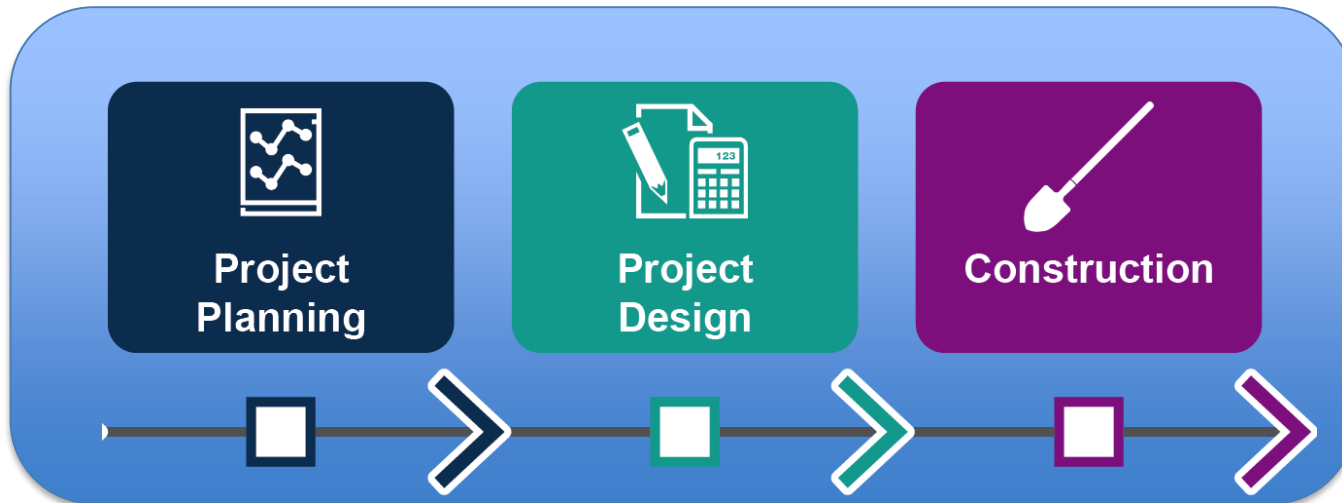
(EIS) Environmental impact statement

# Project Delivery

- Consistent policy approach
- Greater emphasis on document type and needs

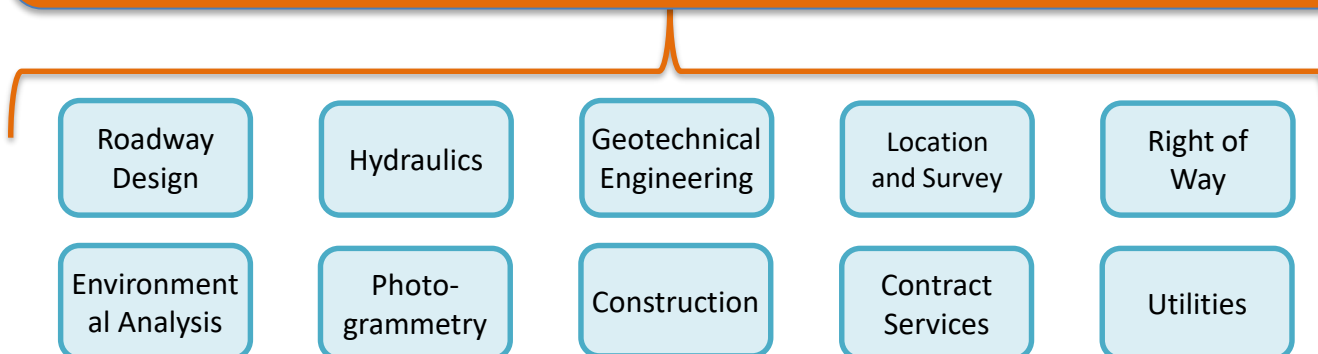


# Project Development



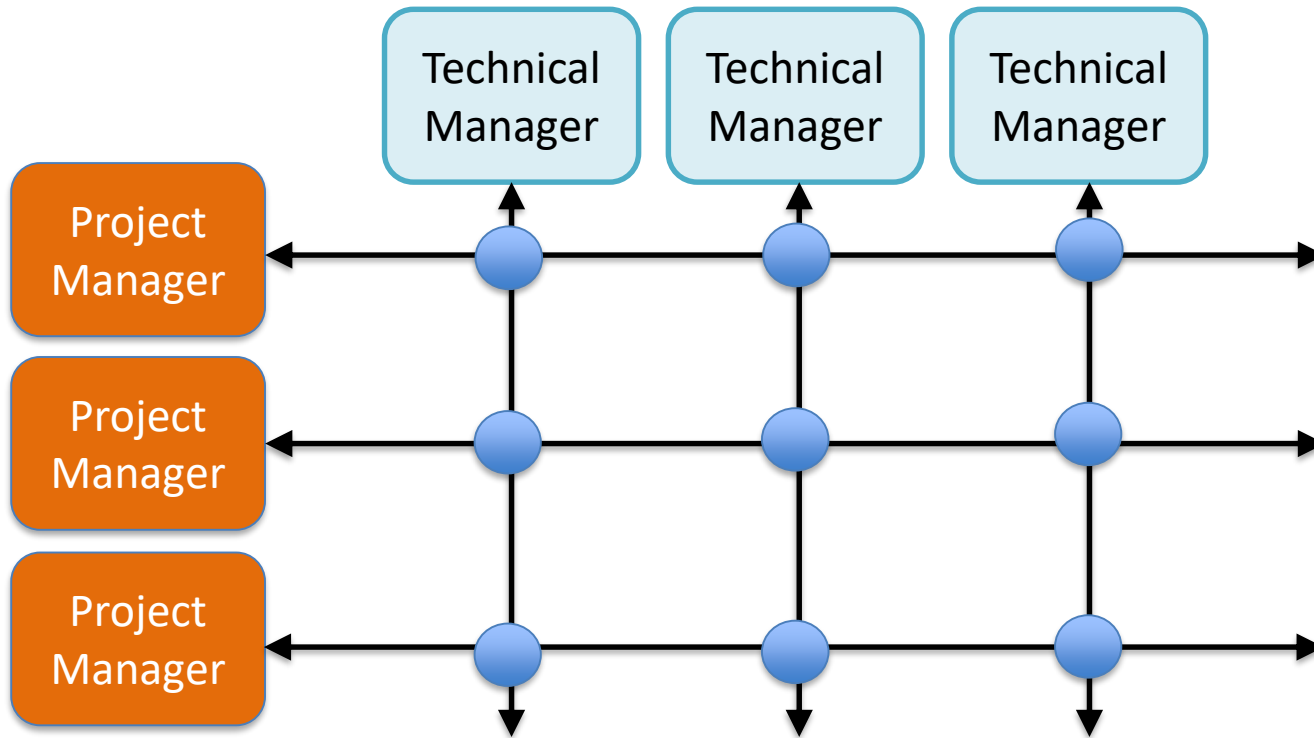
## Project Managers

(Constant communication, coordination, and reporting)





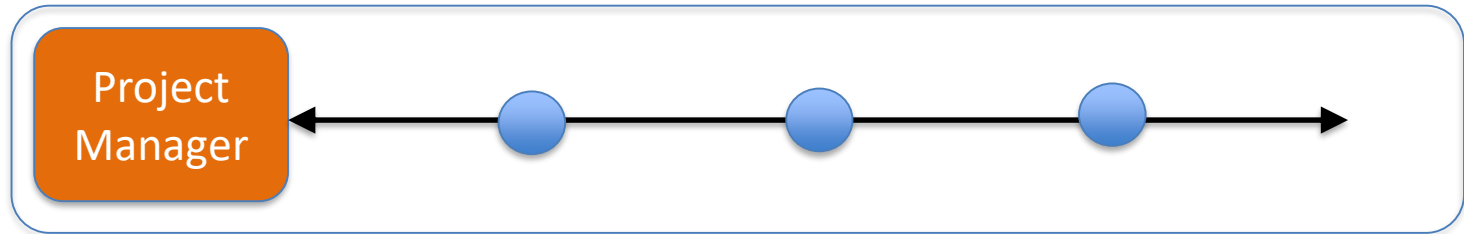
# Project Management Unit



- Project Manager focused on scope, schedule, budget, quality
- Technical Manager provides technical staff for project team

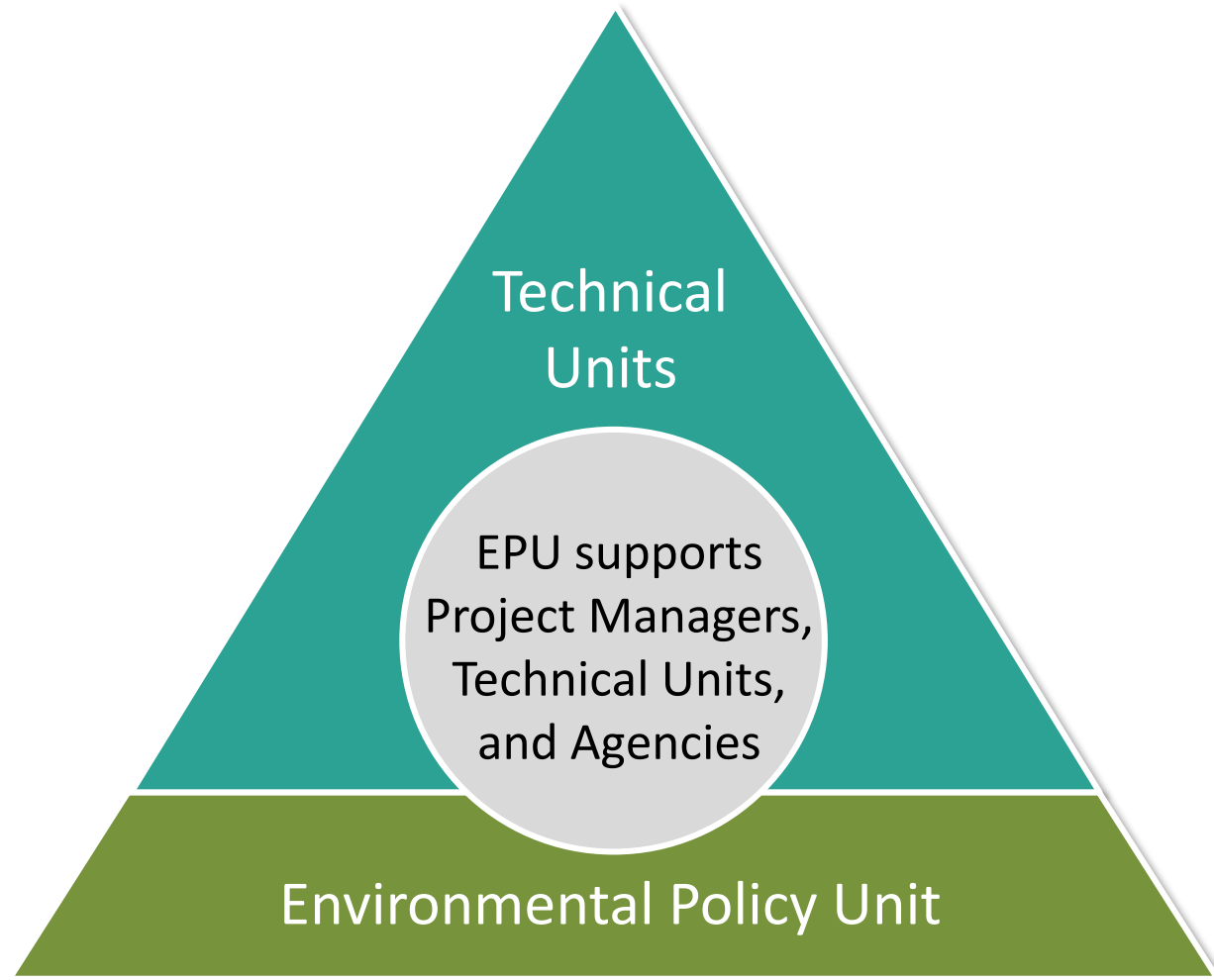
● Represents a team member from a Technical Unit assigned to a project

# Project Team

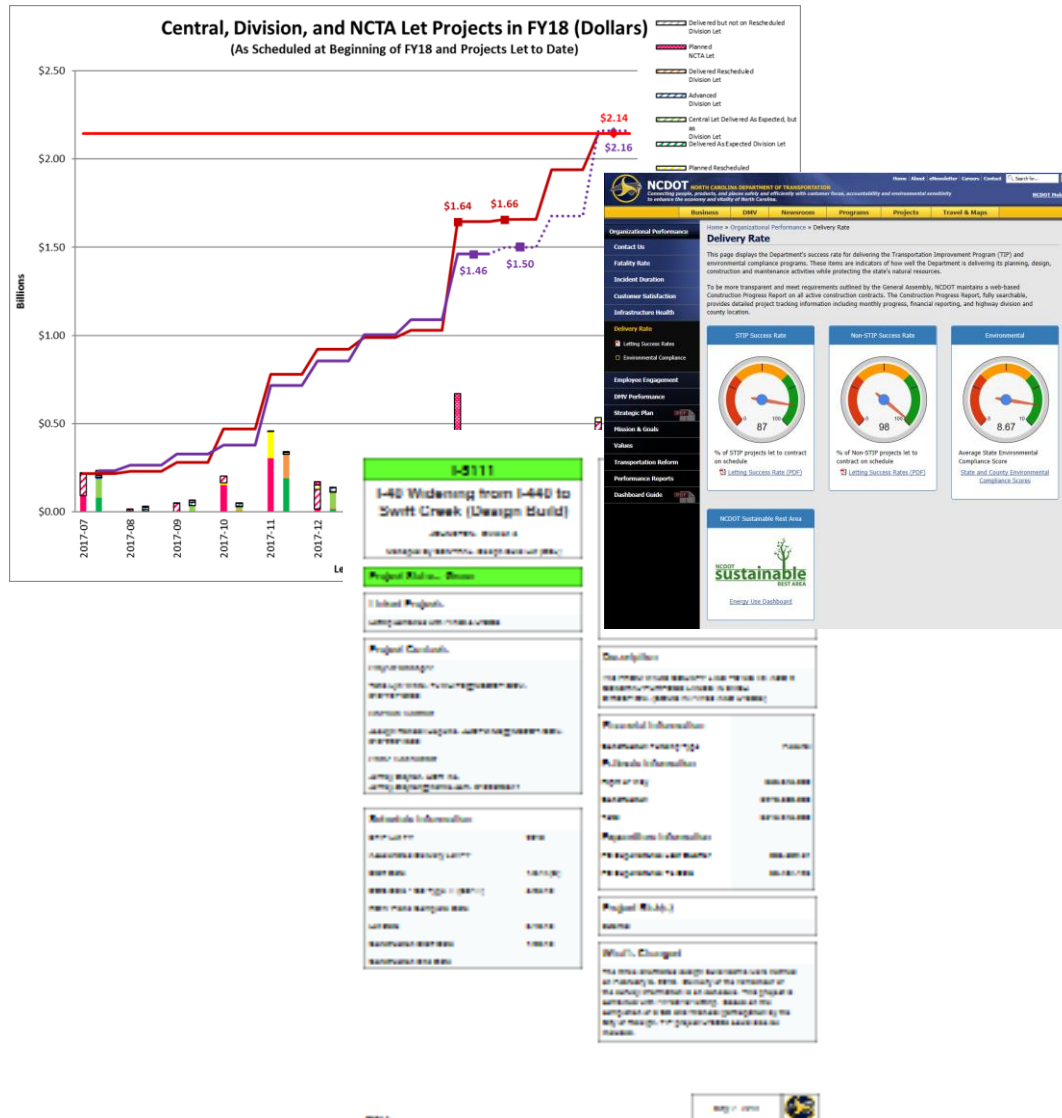


- Project Manager leads the Team, coordinates technical studies and responsible for project decisions
- Team members are specialists in engineering, environmental and other areas
- Consultants support project managers and technical units

# Environmental Policy Unit



# Reviews, Oversight, and Controls



- Internal
  - Focus on program delivery
  - Constant status review – scope, schedule and budget
  - Opportunity to accelerate projects
  - Involvement at all levels
  - Systematic
- External
  - Legislative requirements

# Integrated Project Delivery

## What is it?

- Document and evaluate existing business practices
- Research and assess best practices across the country
- Identify strategic opportunities for improvement
- Develop an implementation plan
- Support implementation activities

# Integrated Project Delivery

## Why is it needed?

- Types of projects we are constructing are much different than in years past
- Have created the Project Manager Role
- Have transitioned to a Matrix Organization for Project Development
- Guidance documents need to be updated to support our increased usage of consultants and divisions



# One Federal Decision

Executive Order 13807, President Trump  
August 15, 2017



# Contact Information

Christopher M. Werner, PE  
Director of Technical Services  
NC Department of Transportation

919 707 2540 office  
[cmwerner@ncdot.gov](mailto:cmwerner@ncdot.gov)